



```

APPLICATION NUMBER: US/09/082,253
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/455,896
FILING DATE: 05/31/1995
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-082-253-13

Query Match 0.3%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
      |||||
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 148
US-08-271-882B-2/c
Sequence 2, Application US/08271882B
Patent No. 6017696
GENERAL INFORMATION:
APPLICANT: Michael J. Heller
APPLICANT: Eugene Tu
APPLICANT: Glen A. Evans
APPLICANT: Ronald G. Sosnowski
TITLE OF INVENTION: SELF-ADDRESSABLE
TITLE OF INVENTION: SELF-ASSEMBLING
TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
TITLE OF INVENTION: DEVICES FOR
TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
TITLE OF INVENTION: AND DIAGNOSTICS
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,882B
FILING DATE: July 7, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
FILING DATE: No. 6017696 September 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 207/263

```

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      TELECOMMUNICATION INFORMATION:  

      / TELEPHONE: (213) 489-1600  

      / TELEFAX: (213) 955-0440  

      / TELEX: 67-3510  

      / INFORMATION FOR SEQ ID NO: 2:  

      / SEQUENCE CHARACTERISTICS:  

      / LENGTH: 21  

      / TYPE: nucleic acid  

      / STRANDEDNESS: single  

      / TOPOLOGY: linear  

      /  

      US-08-271-882B-2
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Query Match                    0.3%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02; Indels 0; Gaps 0;  
Matches 20; Conservative 0; Mismatches 0;

CY         4464 TTTTTTTTTTTTTTTTTT 4483  
            |||||  
Db         20 TTTTTTTTTTTTTTTTTT 1

```

RESULT 149
US-08-726-278-2/c
/ Sequence 2, Application US/08726278
/ Patent No. 6238624
/ GENERAL INFORMATION:
/ APPLICANT: Heller, Michael J.
/ APPLICANT: Tu, Eugene
/ APPLICANT: Evans, Glen A.
/ APPLICANT: Sosnowski, Ronald G.
/ TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
/ FILE REFERENCE: DAVID B. MURPHY/NANOSEN: 222-210
/ CURRENT APPLICATION NUMBER: US/08/726,278
/ PRIOR FILING DATE: 1996-10-04
/ PRIOR APPLICATION NUMBER: 08/271,882
/ PRIOR FILING DATE: 1994-07-07
/ NUMBER OF SEQ ID NOS: 44
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Sequences for
/ OTHER INFORMATION: Labeling
US-08-726-278-2
```

Query Match                    0.3%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY         4464 TTTTTTTTTTTTTTTTTT 4483  
            |||||  
Db         20 TTTTTTTTTTTTTTTTTT 1

```

RESULT 150
US-09-162-622-13
/ Sequence 13, Application US/09162622
/ Patent No. 6566072
/ GENERAL INFORMATION:
/ APPLICANT: WATSON, MARK A
/ APPLICANT: FLEMING, TIMOTHY P
/ TITLE OF INVENTION: Mamaglobin, A Secreted Mammary-Specific Breast Cancer
/ TITLE OF INVENTION: Protein
/ FILE REFERENCE: 6029-5134
/ CURRENT APPLICATION NUMBER: US/09/162,622
/ CURRENT FILING DATE: 1998-09-29
/ EARLIER APPLICATION NUMBER: 08/933,149
/ EARLIER FILING DATE: 1997-09-18
/ EARLIER APPLICATION NUMBER: PCT/US96/08235
/ EARLIER FILING DATE: 1996-05-31
```



```

1      STATE: California
2      COUNTRY: USA
3      ZIP: 92101-3505
4
5      COMPUTER READABLE FORM:
6      MEDIUM TYPE: Floppy Disk
7      COMPUTER: IBM PC compatible
8      OPERATING SYSTEM: wln95
9      SOFTWARE: Word
10     CURRENT APPLICATION DATA:
11     APPLICATION NUMBER: US/08/996,306
12     FILING DATE:
13     CLASSIFICATION:
14     ATTORNEY/AGENT INFORMATION:
15     NAME: Israel, Nod A.
16     REGISTRATION NUMBER: 29,655
17     REFERENCE/DOCKET NUMBER: GENSET.018A
18     TELECOMMUNICATION INFORMATION:
19     TELEPHONE: (619) 235-8550
20     TELEFAX: (619) 235-0176
21
22     INFORMATION FOR SEQ ID NO: 10:
23     SEQUENCE CHARACTERISTICS:
24     LENGTH: 24 base pairs
25     TYPE: NUCLEIC ACID
26     STRANDEDNESS: SINGLE
27     TOPOLOGY: LINEAR
28     MOLECULE TYPE: DNA
29     ORIGINAL SOURCE:
30     ORGANISM: Homo sapiens
31     FEATURE:
32     NAME/KEY: PGRT32
33     LOCATION: Complement 5198..5221
34     OTHER INFORMATION: Location relative to seqid3
35
36     US-08-996-306-10

```

Query Match	0.3%	Score 20;	DB 1;	Length 24;
Best Local Similarity	100.0%	Pred. No. 2.4e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

[illegible]

```

RESULT 154
US-09-338-907-10
; Sequence 10, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Martha
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueterec, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET, 18C1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..24
; OTHER INFORMATION: primer oligonucleotide
US-09-338-907-10
PGRT22

```

Query Match	0.3%;	Score 20;	DB 1;	Length 24;
Best Local Similarity	100.0%;	Pred. No. 2.4e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;

QY	4465	TTTTTTTTTTTTTTTTTTTG	4484
Db	1	TTTTTTTTTTTTTTTTTTTG	20

```

RESULT 155
US-09-164-249B-6/C
: Sequence 6, Application US/09164249B
: Patent No. 6322971
: GENERAL INFORMATION:
: APPLICANT: Chetverin, Alexander B.
: APPLICANT: Kramer, Fred Russel
: TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING
: TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
: FILE REFERENCE: 07/63-004003
: CURRENT APPLICATION NUMBER: US/09/164,249B
: CURRENT FILING DATE: 1998-09-30
: PRIOR APPLICATION NUMBER: US 08/473,010
: PRIOR FILING DATE: 1995-06-07
: PRIOR APPLICATION NUMBER: US 08/247,530
: PRIOR FILING DATE: 1994-05-23
: PRIOR APPLICATION NUMBER: US 07/838,607
: PRIOR FILING DATE: 1992-02-19
: NUMBER OF SEQ ID NOS: 18
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 6
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetically derived DNA
US-09-164-249B-6

```

Query Match	0.3%	Score 20;	DB 1;	Length 24;
Best Local Similarity	100.0%	Pred. No.	2.4e+02;	
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

QY	4464	4483
Db	24	5

```

RESULT 156
US-09-218-207-10
; Sequence 10, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Mattra
; APPLICANT: Ilyva, Chumakov
; APPLICANT: Bouquelenet, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.010CPL
; CURRENT APPLICATION NUMBER: US/09/218, 207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996, 306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099, 658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURES:
; NAME/KEY: misc_feature
; LOCATION: 1..24

```







```
; Sequence 8, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-8

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACTTTTTTTTTTTTTTTTGT 4485
Db      3 ATATATTTTTTTTTTTTGT 30

RESULT 164
US-09-725-265-9
; Sequence 9, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-9

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACTTTTTTTTTTTTTTTTGT 4485
Db      3 ATATATTTTTTTTTTTTGT 30
```

```
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACTTTTTTTTTTTTTTTTGT 4485
Db      3 ATATATTTTTTTCTTTTTTTTTTTT 30

RESULT 165
US-09-725-265-10
; Sequence 10, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 19953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-10

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACTTTTTTTTTTTTTTTTGT 4485
Db      3 ATATATTTTTTTCTTTTTTTTTTTT 30

RESULT 166
US-09-725-265-11
; Sequence 11, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
```

LENGTH: 30  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-11

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. No. 3.8e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGAGCTTTTCTTTTCTTTTCTTTTGT 4485  
DB 3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 167  
US-09-725-265-12  
Sequence 12, Application US/09725265  
Patent No. 6492121

GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KAMAGATA, YOICHI  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
APPLICANT: KOYAMA, OSAMU  
APPLICANT: FURUSHO, KENTA  
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
FILE REFERENCE: 199953USOXDIY  
CURRENT APPLICATION NUMBER: US/09/725,265  
CURRENT FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: US 09/556,127  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: JP 1999-111601  
PRIOR FILING DATE: 1999-04-20  
NUMBER OF SEQ ID NOS: 70  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 12  
LENGTH: 30  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-12

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. No. 3.8e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGAGCTTTTCTTTTCTTTTCTTTTGT 4485  
DB 3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 168  
US-09-725-265-13  
Sequence 13, Application US/09725265  
Patent No. 6492121  
GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KAMAGATA, YOICHI  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
APPLICANT: KOYAMA, OSAMU  
APPLICANT: FURUSHO, KENTA  
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
FILE REFERENCE: 199953USOXDIY

CURRENT APPLICATION NUMBER: US/09/725,265  
CURRENT FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: US 09/556,127  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: JP 1999-111601  
PRIOR FILING DATE: 1999-04-20  
NUMBER OF SEQ ID NOS: 70  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 13  
LENGTH: 30  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-13

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. No. 3.8e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGAGCTTTTCTTTTCTTTTCTTTTGT 4485  
DB 3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 169  
US-09-302-495-23  
Sequence 23, Application US/09302495  
Patent No. 6518045  
GENERAL INFORMATION:  
APPLICANT: IMAMURA, Takayuki  
MAEDA, Hiroaki  
FUTIVASU, Takeshi  
IMAGAWA, Yoshitaka  
TOKIYOSHI, Sachio  
TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEIMARK  
STREET: 419 Seventh Street, N.W., Suite 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/302,495  
FILING DATE: 30-Apr-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/011,143  
FILING DATE: 04-FEB-1998  
APPLICATION NUMBER: PCT/JP97/01824  
FILING DATE: 29-MAY-1997  
APPLICATION NUMBER: JP 165249/1996  
FILING DATE: 04-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BROWDY, Roger L.  
REGISTRATION NUMBER: 25,618  
REFERENCE/DOCKET NUMBER: IMAMURA=1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: CDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 23:  
US-09-302-495-23

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. No. 3.8e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4454 TGCATGACCTTTTCTTTTCTTTT 4481  
Db 3 TAGCTCGAGTTTCTTTTCTTTT 30

RESULT 170  
US-10-079-616-23  
Sequence 23, Application US/10079616  
Patent No. 6566097  
GENERAL INFORMATION:  
APPLICANT: IMAMURA, Takayuki  
MAEDA, Hiroaki  
FUTUYASU, Takeshi  
IMAGAWA, Yoshitaka  
TOKIYOSHI, Sachio  
TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEIMARK  
STREET: 419 Seventh Street, N.W., Suite 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/079,616  
FILING DATE: 22-Feb-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/011,143  
FILING DATE: 04-FEB-1998  
APPLICATION NUMBER: PCT/JP97/01824  
FILING DATE: 29-MAY-1997  
APPLICATION NUMBER: JP 165249/1996  
FILING DATE: 04-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BROWDY, Roger L.  
REGISTRATION NUMBER: 25,618  
REFERENCE/DOCKET NUMBER: IMAMURA=1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 23:  
US-10-079-616-23

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. No. 3.8e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4454 TGCATGACCTTTTCTTTTCTTTT 4481  
Db 3 TAGCTCGAGTTTCTTTTCTTTT 30

RESULT 171  
US-08-906-156A-82;  
Sequence 82, Application US/08906156A  
Patent No. 6287854  
GENERAL INFORMATION:  
APPLICANT: SPURR, NIGEL K  
APPLICANT: GRAY, IAN C  
APPLICANT: STEWART, LORNA M  
TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO CANCER  
NUMBER OF SEQUENCES: 94  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIXON & VANDERHAYE P.C.  
STREET: 1100 NORTH GLEBE ROAD  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA  
ZIP: 22201

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/906,156A  
FILING DATE: 05-AUG-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/042,655  
FILING DATE: 02-APR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/033,147  
FILING DATE: 13-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/005,840  
FILING DATE: 23-OCT-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/96GB/02588  
FILING DATE: 22-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SADOFF, B. J.  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 1090-14  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-816-4000  
TELEFAX: 703-816-4100  
INFORMATION FOR SEQ ID NO: 82:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "SYNTHETIC OLIGO"  
HYPOTHEICAL: NO  
ANTI-SENSE: NO  
US-08-906-156A-82

Query Match 0.3%; Score 19.8; DB 1; Length 24;  
Best Local Similarity 91.3%; Pred. No. 2.6e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4459 TGCAGCTTTTCTTTTCTTTTCTTTT 4481  
Db 2 TCGAGTTTCTTTTCTTTTCTTTT 24

RESULT 172  
US-09-475-316A-59  
Sequence 59, Application US/09475316A  
Patent No. 6210942  
GENERAL INFORMATION:

```

APPLICANT: Lewis, No. 6210942man G.
APPLICANT: Davin, Laurence B.
APPLICANT: Dinkova-Kostova, Albena T.
APPLICANT: Fujita, Masayuki
APPLICANT: Gang, David R.
APPLICANT: Sarkanen, Simo
APPLICANT: Ford, Joshua D
TITLE OF INVENTION: RECOMBINANT PINORESINOL/LARICRESINOL REDUCTASES,
FILE OF INVENTION: RECOMBINANT DIRIGENT PROTEINS AND METHODS OF USE
FILE REFERENCE: MSUR-1-13793
CURRENT FILING DATE: US/09/475,316A
PRIOR APPLICATION NUMBER: 1999-12-30
PRIOR FILING DATE: 1999-05-07/307,653
PRIOR APPLICATION NUMBER: PCT/US97/20391
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/054,380
PRIOR FILING DATE: 1997-07-31
PRIOR APPLICATION NUMBER: 60/030,522
PRIOR FILING DATE: 1996-11-08
NUMBER OF SEQ ID NOS: 122
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 59
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)..(26)
OTHER INFORMATION: cDNA synthesis linker primer
US-09-475-316A-59

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Query Match          0.3%;   Score 19.8;   DB 1;   Length 26;
Best Local Similarity 91.3%;   Freq. NO. 3,1e+02;
Matches      21;   Conservative    2;   Indels      0;   Gaps      0;

OY              4459 TGGACCTTTTTTTTTTTTTTTT 4481
                ||| ||||| ||||| ||||| |||||
Db              4 TCGAGCTTTTTTTTTTTTTTTTTT 26

RESULT 173
US-09-704-640-59
Sequence 59, Application US/09704640
Patent No. 6635459
GENERAL INFORMATION:
APPLICANT: Lewis, No. 6635459man G.
APPLICANT: Davin, Laurence B.
APPLICANT: Dinkova-Kostova, Albena T.
APPLICANT: Fujita, Masayuki
APPLICANT: Gang, David R.
APPLICANT: Sarkanen, Simo
APPLICANT: Ford, Joshua D
TITLE OF INVENTION: RECOMBINANT PINORESINOL/LARICRESINOL REDUCTASE,
FILE REFERENCE: WSR-1-16492
CURRENT APPLICATION NUMBER: US/09/704,640
PRIOR FILING DATE: 2000-11-02
PRIOR APPLICATION NUMBER: 09/475,316
PRIOR FILING DATE: 1999-12-30
PRIOR APPLICATION NUMBER: 09/307,653
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: PCT/US97/20391
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/054,380
PRIOR FILING DATE: 1997-07-31
PRIOR APPLICATION NUMBER: 60/030,522
PRIOR FILING DATE: 1996-11-08
NUMBER OF SEQ ID NOS: 122
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 59

```

```

:      LENGTH: 26
:      TYPE: DNA
:      ORGANISM: Artificial Sequence
:      FEATURE:
:      OTHER INFORMATION: Description of Artificial Sequence
:      OTHER INFORMATION: oligonucleotide
:      NAME/KEY: misc feature
:      LOCATION: (1)..(26)
:      OTHER INFORMATION: cdna synthesis linker primer
:      OS-09-704-640-r59

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Query Match	0.3%	Score 19.8;	DB 1;	Length 26;
Best Local Similarity	91.3%;	Pred. No. 3.1e+02;		
Matches	21;	Conservative	0;	Mismatches 2;
			Indels	0;
			Gaps	0

	4459	TGCAGCTTTT	TTTTTTTTTT	TTTTTT	4481
QY					
	4	TCGACGT	TTTTTTTTTT	TTTTTT	26
Db					

```

1      RESULT 17
2      US-08-821-451A-16
3      ; Sequence 16, Application US/08821451A
4      ; Patent No. 6066724
5      ; GENERAL INFORMATION:
6      ; APPLICANT: JIAN NI, GUO-LIANG YU and Reiner Genz
7      ; TITLE OF INVENTION: Human Endometrial Specific Steroid
8      ; TITLE OF INVENTION: Binding Factor I, II and III
9      ; NUMBER OF SEQUENCES: 27
10     ; CORRESPONDENCE ADDRESS:
11     ; ADDRESSEE: CARELLI, BYRNE, BAIN, GILPILLAN,
12     ; ADDRESSEE: CECCHI, STEWART & OLSTEIN
13     ; STREET: 6 BECKER FARM ROAD
14     ; CITY: ROSELAND
15     ; STATE: NEW JERSEY
16     ; COUNTRY: USA
17     ; ZIP: 07068
18
19     ; COMPUTER READABLE FORM:
20     ; MEDIUM TYPE: 3.5 INCH DISKETTE
21     ; COMPUTER: IBM PS/2
22     ; OPERATING SYSTEM: MS-DOS
23     ; SOFTWARE: WORD PERFECT 5.1
24     ; CURRENT APPLICATION DATA:
25     ; APPLICATION NUMBER: US/08/821,451A
26     ; FILING DATE: March 21, 1997
27     ; CLASSIFICATION: 435
28     ; PRIOR APPLICATION DATA:
29     ; APPLICATION NUMBER: 60/014,724
30     ; FILING DATE: March 21, 1996
31     ; ATTORNEY/AGENT INFORMATION:
32     ; NAME: MULLINS, J.G.
33     ; REGISTRATION NUMBER: 33,073
34     ; REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
35     ; TELECOMMUNICATION INFORMATION:
36     ; TELEPHONE: 201-994-1700
37     ; TELEFAX: 201-994-1744
38     ; INFORMATION FOR SEQ ID NO: 16:
39     ; SEQUENCE CHARACTERISTICS:
40     ; LENGTH: 27 BASE PAIRS
41     ; TYPE: NUCLEIC ACID
42     ; STRANDEDNESS: SINGLE
43     ; TOPOLOGY: LINEAR
44     ; MOLECULE TYPE: Oligonucleotide
45     ; US-08-821-451A-16

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Query Match	0.3%;	Score 19.8;	DB 1;	Length 27;
Best Local Similarity	91.3%;	Pred. No. 3.4e+02;		
Matches	21;	Conservative	0;	Mismatches 2;
			Indels	0;
			Gaps	0;

OY            4460 GGACTTTTTTTTTTTTTTTT 4482  
       | | | | | | | | | |  
Db      5 GTACCTTTTTTTTTTTTTTTT 27

RESULT 175  
US-09-263-810-16  
Sequence 16, Application US/09263810  
Patent No. 6174992  
GENERAL INFORMATION:  
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Genz  
TITLE OF INVENTION: Human Endometrial Specific Steroid-  
Binding Factor I, II and III  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
CECCHI, STEWART & OLSTEIN  
STREET: 6 BECKER FARM ROAD  
CITY: ROSELAND  
STATE: NEW JERSEY  
COUNTRY: USA  
ZIP: 07068  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 INCH DISKETTE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WORD PERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,810  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/821,451  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: MULLINS, J.G.  
REGISTRATION NUMBER: 33,073  
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 27 BASE PAIRS  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: Oligonucleotide  
US-09-263-810-16  
Query Match 0.3%; Score 19.8; DB 1; Length 27;  
Best Local Similarity 91.3%; Pred. No. 3.4e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
OY 4460 GGACTTTTTTTTTTTTTTTT 4482  
DB 5 GTACCTTTTTTTTTTTTTTTT 27  
RESULT 176  
US-09-583-169-16  
Sequence 16, Application US/09583169  
Patent No. 6338948  
GENERAL INFORMATION:  
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Genz  
TITLE OF INVENTION: Human Endometrial Specific Steroid-  
Binding Factor I, II and III  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
CECCHI, STEWART & OLSTEIN  
STREET: 6 BECKER FARM ROAD  
CITY: ROSELAND  
STATE: NEW JERSEY  
COUNTRY: USA  
ZIP: 07068  
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 INCH DISKETTE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WORD PERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/583,169  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/821,451  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: MULLINS, J.G.  
REGISTRATION NUMBER: 33,073  
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 27 BASE PAIRS  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: Oligonucleotide  
US-09-583-169-16  
Query Match 0.3%; Score 19.8; DB 1; Length 27;  
Best Local Similarity 91.3%; Pred. No. 3.4e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
OY 4460 GGACTTTTTTTTTTTTTTTT 4482  
DB 5 GTACCTTTTTTTTTTTTTTTT 27  
RESULT 177  
US-08-858-767-21/C  
Sequence 21, Application US/08858767  
Patent No. 5837468  
GENERAL INFORMATION:  
APPLICANT: WANG, Xun  
APPLICANT: DUVICK, Jonathan P.  
TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING  
METHOD  
NUMBER OF SEQUENCES: 39  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/858,767  
FILING DATE: 19-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/481,687  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 33229/325/PIH1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399

TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-858-767-21

Query Match 0.3%; Score 19.8; DB 1; Length 28;  
Best Local Similarity 91.3%; Pred. No. 3.6e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4467 TTTTGTGCTG 4489  
DB 27 TTTTGTGCTG 5

RESULT 178  
US-08-858-767-22/c  
; Sequence 22, Application US/08858767  
; Patent No. 5837468  
; GENERAL INFORMATION:  
; APPLICANT: WANG, Xun  
; APPLICANT: DUVICK, Jonathan P.  
; TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING  
; TITLE OF INVENTION: METHOD  
; NUMBER OF SEQUENCES: 39  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/858,767  
; FILING DATE: 19-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/481,687  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BENT, Stephen A.  
; REGISTRATION NUMBER: 29,768  
; REFERENCE/DOCKET NUMBER: 33229/325/PIHI  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 672-5300  
; TELEFAX: (202) 672-5399  
; TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 22:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-858-767-22

Query Match 0.3%; Score 19.8; DB 1; Length 28;  
Best Local Similarity 91.3%; Pred. No. 3.6e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4467 TTTTGTGCTG 4489  
DB 27 TTTTGTGCTG 5

RESULT 179

US-08-858-767-23/c  
; Sequence 23, Application US/08858767  
; Patent No. 5837468  
; GENERAL INFORMATION:  
; APPLICANT: WANG, Xun  
; APPLICANT: DUVICK, Jonathan P.  
; TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING  
; TITLE OF INVENTION: METHOD  
; NUMBER OF SEQUENCES: 39  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/858,767  
; FILING DATE: 19-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/481,687  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BENT, Stephen A.  
; REGISTRATION NUMBER: 29,768  
; REFERENCE/DOCKET NUMBER: 33229/325/PIHI  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 672-5300  
; TELEFAX: (202) 672-5399  
; TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-858-767-23

Query Match 0.3%; Score 19.8; DB 1; Length 28;  
Best Local Similarity 91.3%; Pred. No. 3.6e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4467 TTTTGTGCTG 4489  
DB 27 TTTTGTGCTG 5

RESULT 180  
US-08-863-028-21/c  
; Sequence 21, Application US/08863028  
; Patent No. 5853991  
; GENERAL INFORMATION:  
; APPLICANT: WANG, Xun  
; APPLICANT: DUVICK, Jonathan P.  
; TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING  
; TITLE OF INVENTION: METHOD  
; NUMBER OF SEQUENCES: 39  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109



```
COMPUTER READABLE FORM:
;
; MEDIUM TYPE: Floppy disk
;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,028
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/858,767
; FILING DATE: 19-MAY-1997
; APPLICATION NUMBER: US 08/481,687
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 33229/325/PIHI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
;
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-863-028-21

Query Match      0.3%; Score 19.8; DB 1; Length 28;
Best Local Similarity 91.3%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4467 TTTT TTTT TTTT TTTT TTTT GCTTG 4489
      |||||
Db 27 TTTT TTTT TTTT TTTT TTTT GCTTG 5

RESULT 181
US-08-863-028-22/c
; Sequence 22, Application US/08863028
; Patent No. 5853991
; GENERAL INFORMATION:
; APPLICANT: WANG, Xun
; APPLICANT: DUVICK, Jonathan P.
; APPLICANT: BRIGGS, Steven P.
; TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
; TITLE OF INVENTION: METHOD
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,028
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/858,767
; FILING DATE: 19-MAY-1997
; APPLICATION NUMBER: US 08/481,687
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
```

```
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/325/PIHI
TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
;
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-863-028-22

Query Match      0.3%; Score 19.8; DB 1; Length 28;
Best Local Similarity 91.3%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4467 TTTT TTTT TTTT TTTT TTTT GCTTG 4489
      |||||
Db 27 TTTT TTTT TTTT TTTT TTTT GCTTG 5

RESULT 182
US-08-863-028-23/c
; Sequence 23, Application US/08863028
; Patent No. 5853991
; GENERAL INFORMATION:
; APPLICANT: WANG, Xun
; APPLICANT: DUVICK, Jonathan P.
; APPLICANT: BRIGGS, Steven P.
; TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
; TITLE OF INVENTION: METHOD
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,028
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/858,767
; FILING DATE: 19-MAY-1997
; APPLICATION NUMBER: US 08/481,687
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 33229/325/PIHI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
;
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-863-028-23

Query Match      0.3%; Score 19.8; DB 1; Length 28;
Best Local Similarity 91.3%; Pred. No. 3.6e+02;
```



MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-483-553-41

Query Match 0.3%; Score 19.8; DB 1; Length 30;  
Best Local Similarity 91.3%; Pred. No. 4.2e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 4472 TTTTGTGCTTGAGACA 4494  
Db 7 TTTTGTGCTTGAGACA 29

RESULT 185  
US-08-487-002-41  
Sequence 41, Application US/08487002  
Patent No. 5710001  
GENERAL INFORMATION:  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Simard, Jacques  
APPLICANT: Emi, Mitsuru  
APPLICANT: Nakamura, Yusuke  
APPLICANT: Durocher, Francine  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,002  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-487-002-41

Query Match 0.3%; Score 19.8; DB 1; Length 30;  
Best Local Similarity 91.3%; Pred. No. 4.2e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 4472 TTTTGTGCTTGAGACA 4494  
Db 7 TTTTGTGCTTGAGACA 29

RESULT 186  
US-08-483-554B-41  
Sequence 41, Application US/0848354B  
Patent No. 5747282  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Tavtigian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,554B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-483-554B-41

Query Match 0.3%; Score 19.8; DB 1; Length 30;  
Best Local Similarity 91.3%; Pred. No. 4.2e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4472 TTTTGTCTTGAGACA 4494  
Db 7 TTTTGTCTTGAGACA 29

RESULT 187  
US-08-488-011B-41  
Sequence 41, Application US/08488011B  
Patent No. 5753441  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,011B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347-09  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810

TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-488-011B-41

Query Match 0.3%; Score 19.8; DB 1; Length 30;  
Best Local Similarity 91.3%; Pred. No. 4.2e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4472 TTTTGTCTTGAGACA 4494  
Db 7 TTTTGTCTTGAGACA 29

RESULT 188  
US-08-850-727-41  
Sequence 41, Application US/08850727  
Patent No. 6162897  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/850,727  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/483,554  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.

REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-850-727-41

Query Match 0.3%; Score 19.8; DB 1; Length 30;  
Best Local Similarity 91.3%; Pred. No. 4.2e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4472 TTTTGTCTTGAGACA 4494  
|||||  
Db 7 TTTTGTCTTGAGACA 29

RESULT 189  
PCT-US95-10202-41  
Sequence 41, Application PC/TUS9510202  
GENERAL INFORMATION:  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Stuard, Jacques  
APPLICANT: Emi, Mitsuru  
APPLICANT: Nakamura, Yusuke  
APPLICANT: Durocher, Francine  
TITLE OF INVENTION: In Vivo Mutations and Polymorphisms  
TITLE OF INVENTION: In the 17q-linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/10202  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08-308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
PCT-US95-10202-41

Query Match 0.3%; Score 19.8; DB 1; Length 30;  
Best Local Similarity 91.3%; Pred. No. 4.2e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4472 TTTTGTCTTGAGACA 4494  
|||||  
Db 7 TTTTGTCTTGAGACA 29

RESULT 190  
PCT-US95-10203-41  
Sequence 41, Application PC/TUS9510203  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/10203  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08-308,104  
FILING DATE: 16-SEP-1994

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,266
; FILING DATE: 02-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,221
; FILING DATE: 12-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109347
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; PCT-US95-10203-41

Query Match          0.3%; Score 19.8; DB 1; Length 30;
Best Local Similarity 91.3%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4472 TTTTGTCTTGAGACA 4494
Db      7 TTTTGTCTTGAGACA 29

RESULT 191
PCT-US95-10220-41
; Sequence 41, Application PC/RUS9510220
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Goldgar, David E.
; APPLICANT: Miki, Yoshio
; APPLICANT: Swenson, Jeff
; APPLICANT: Kamb, Alexander
; APPLICANT: Harshman, Keith D.
; APPLICANT: Shattuck-Eidens, Donna M.
; APPLICANT: Tavligian, Sean V.
; APPLICANT: Wiseman, Roger W.
; APPLICANT: Futreal, P. Andrew
; TITLE OF INVENTION: Method for Diagnosing a
; TITLE OF INVENTION: Predisposition for Breast and Ovarian Cancer
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, N.W., Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/10220
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/409,305
; FILING DATE: 24-MAR-1995
; COMPUTER READABLE FORM:

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,824
; FILING DATE: 29-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08-308,104
; FILING DATE: 16-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,266
; FILING DATE: 02-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,221
; FILING DATE: 12-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109347
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; PCT-US95-10220-41

Query Match          0.3%; Score 19.8; DB 1; Length 30;
Best Local Similarity 91.3%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4472 TTTTGTCTTGAGACA 4494
Db      7 TTTTGTCTTGAGACA 29

RESULT 192
US-08-181-271A-85/C
; Sequence 85, Application US/08181271A
; Patent No. 5614395
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Alexander, Danny C.
; APPLICANT: Beck, James J.
; APPLICANT: Duesing, John H.
; APPLICANT: Friedrich, Leslie B.
; APPLICANT: Goodman, Robert M.
; APPLICANT: Harms, Christian
; APPLICANT: Weins, Jr., Frederick
; APPLICANT: Montoya, Alice
; APPLICANT: Moeyer, Mary B.
; APPLICANT: Neuhaus, Jean-Marc
; APPLICANT: Payne, George B.
; APPLICANT: Speisohn, Christoph
; APPLICANT: Stinson, Jeffrey R.
; APPLICANT: Uknes, Scott J.
; APPLICANT: Ward, Eric R.
; APPLICANT: Williams, Shericoa C.
; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
; TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:

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1 MEDIUM TYPE: Floppy disk
2 COMPUTER: IBM PC compatible
3 OPERATING SYSTEM: PC-DOS/MS-DOS
4 SOFTWARE: Patent In Release #1.0, Version #1.25
5 CURRENT APPLICATION DATA:
6 APPLICATION NUMBER: US/08/181,271A
7 FILING DATE: 13-JAN-94
8 CLASSIFICATION: 435
9 PRIOR APPLICATION DATA:
10 APPLICATION NUMBER: US 08/093,301
11 FILING DATE: 16-JUL-1993
12 PRIOR APPLICATION DATA:
13 APPLICATION NUMBER: US 07/937,197
14 FILING DATE: 6-NOV-1992
15 PRIOR APPLICATION DATA:
16 APPLICATION NUMBER: US 07/678,378
17 FILING DATE: 1-APR-1991
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER: US 07/305,566
20 FILING DATE: 6-FEB-1989
21 PRIOR APPLICATION DATA:
22 APPLICATION NUMBER: US 07/165,667
23 FILING DATE: 8-MAR-1988
24 PRIOR APPLICATION DATA:
25 APPLICATION NUMBER: US 08/042,847
26 FILING DATE: 6-APR-1993
27 PRIOR APPLICATION DATA:
28 APPLICATION NUMBER: US 07/632,441
29 FILING DATE: 21-DEC-1990
30 PRIOR APPLICATION DATA:
31 APPLICATION NUMBER: US 07/425,504
32 FILING DATE: 20-OCT 1989
33 PRIOR APPLICATION DATA:
34 APPLICATION NUMBER: US 07/848,506
35 FILING DATE: 6-MAR-1992
36 PRIOR APPLICATION DATA:
37 APPLICATION NUMBER: US 07/768,122
38 FILING DATE: 27-SEP-1991
39 PRIOR APPLICATION DATA:
40 APPLICATION NUMBER: US 07/580,431
41 FILING DATE: 7-SEP-1990
42 PRIOR APPLICATION DATA:
43 APPLICATION NUMBER: US 07/368,672
44 FILING DATE: 20-JUN-1989
45 PRIOR APPLICATION DATA:
46 APPLICATION NUMBER: US 07/329,018
47 FILING DATE: 24-MAR-1989
48 PRIOR APPLICATION DATA:
49 APPLICATION NUMBER: US 08/045,957
50 FILING DATE: 12-APR-1993
51 ATTORNEY/AGENT INFORMATION:
52 NAME: Elmer, James Scott
53 REGISTRATION NUMBER: 36,129
54 REFERENCE/DOCKET NUMBER: S-19825/Pl/CGC 1727
55 TELECOMMUNICATION INFORMATION:
56 TELEPHONE: (919)541-8614
57 TELEFAX: (919)541-8689
58 INFORMATION FOR SEQ ID NO: 85:
59 SEQUENCE CHARACTERISTICS:
60 LENGTH: 30 base pairs
61 TYPE: nucleic acid
62 STRANDEDNESS: single
63 TOPOLOGY: linear
64 MOLECULE TYPE: DNA
65 US-08-181-271A-85

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Query Match	0.3%	Score 19.6	DB 1	Length 30
Best Local Similarity	84.6%	Pred. No. 4.5e+02		
Matches 22	Conservative 0	Mismatches 4	Indels 0	Gaps 0
QY	4463	CTTTTCTTTTCTTTTCTTTTCTTT	4488	
Db	30	CTTATGTTTTTTTTTTTGAATT	5	

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1 RESULT 193 2 1:
2 US-08-449-315-85/c:
3 Sequence 85, Application US/08449315
4 Patent No. 3650505
5 GENERAL INFORMATION:
6 APPLICANT: Ryals, John A.
7 APPLICANT: Alexander, Danny C.
8 APPLICANT: Beck, James J.
9 APPLICANT: Duesing, John H.
10 APPLICANT: Friedrich, Lealie B.
11 APPLICANT: Goodman, Robert M.
12 APPLICANT: Harms, Christian
13 APPLICANT: Meins, Jr., Frederick
14 APPLICANT: Montoya, Alice
15 APPLICANT: Moyer, Mary B.
16 APPLICANT: Neuhau, Jean-Marc
17 APPLICANT: Payne, George B.
18 APPLICANT: Spertison, Christoph
19 APPLICANT: Stinson, Jeffrey R.
20 APPLICANT: Uknes, Scott J.
21 APPLICANT: Ward, Eric R.
22 APPLICANT: Williams, Shericca C.
23 TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
24 TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
25 NUMBER OF SEQUENCES: 106
26 CORRESPONDENCE ADDRESS:
27 ADDRESSEE: CIBA-GEIGY Corporation
28 STREET: 7 Skyline Drive
29 CITY: Hawthorne
30 STATE: New York
31 COUNTRY: USA
32 ZIP: 10532
33 COMPUTER READABLE FORM:
34 MEDIUM TYPE: Floppy disk
35 COMPUTER: IBM PC compatible
36 OPERATING SYSTEM: PC-DOS/MS-DOS
37 SOFTWARE: PatentIn Release #1.0, Version #1.25
38 CURRENT APPLICATION DATA:
39 APPLICATION NUMBER: US/08/449,315
40 FILING DATE: 24-MAY-1995
41 CLASSIFICATION: 800
42 PRIOR APPLICATION DATA:
43 APPLICATION NUMBER: 08/181,271
44 FILING DATE: 13-JAN-94
45 APPLICATION NUMBER: US 08/093,301
46 FILING DATE: 16-JUL-1993
47 PRIOR APPLICATION DATA:
48 APPLICATION NUMBER: US 07/937,197
49 FILING DATE: 6-NOV-1992
50 PRIOR APPLICATION DATA:
51 APPLICATION NUMBER: US 07/678,378
52 FILING DATE: 1-APR-1991
53 PRIOR APPLICATION DATA:
54 APPLICATION NUMBER: US 07/305,566
55 FILING DATE: 6-FEB-1989
56 PRIOR APPLICATION DATA:
57 APPLICATION NUMBER: US 07/165,667
58 FILING DATE: 8-MAR-1988
59 PRIOR APPLICATION DATA:
60 APPLICATION NUMBER: US 08/042,847
61 FILING DATE: 6-APR-1993
62 PRIOR APPLICATION DATA:
63 APPLICATION NUMBER: US 07/632,441
64 FILING DATE: 21-DEC-1990
65 PRIOR APPLICATION DATA:
66 APPLICATION NUMBER: US 07/425,504
67 FILING DATE: 20-OCT-1989
68 PRIOR APPLICATION DATA:
69 APPLICATION NUMBER: US 07/849,506
70 FILING DATE: 6-MAR-1992
71 PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US 07/768,122
; FILING DATE: 27-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/580,431
; FILING DATE: 7-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Elmer, James Scott
; REGISTRATION NUMBER: 36,129
; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8614
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
;
US-08-449-315-85

Query Match      0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4463 CTTTCTTTTCTTTTCTTTTCTTTTCTTT 4488
Db      30 CTTATGTTTTTTTTTTTTTTGTAAT 5

RESULT 194
US-08-444-803-85/c
; Sequence 85, Application US/08444803
; Patent No. 5654414
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Alexander, Danny C.
; APPLICANT: Beck, James J.
; APPLICANT: Duesing, John H.
; APPLICANT: Friedrich, Leslie B.
; APPLICANT: Goodman, Robert M.
; APPLICANT: Harms, Christian
; APPLICANT: Weins, Jr., Frederick
; APPLICANT: Montoya, Alice
; APPLICANT: Moyer, Mary B.
; APPLICANT: Neuhaus, Jean-Marc
; APPLICANT: Payton, George B.
; APPLICANT: Sperison, Christoph
; APPLICANT: Stinson, Jeffrey R.
; APPLICANT: Ukens, Scott J.
; APPLICANT: Ward, Eric R.
; APPLICANT: Williams, Shericea C.
; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
; TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSER: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/444,803
; FILING DATE: 19-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/181,271
; FILING DATE: 13-JAN-94
; APPLICATION NUMBER: US 08/093,301
; FILING DATE: 16-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/937,197
; FILING DATE: 6-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/678,378
; FILING DATE: 1-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/305,566
; FILING DATE: 6-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/165,667
; FILING DATE: 8-MAR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/042,847
; FILING DATE: 6-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/632,441
; FILING DATE: 21-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/425,504
; FILING DATE: 20-OCT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,506
; FILING DATE: 6-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/768,122
; FILING DATE: 27-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/580,431
; FILING DATE: 7-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Elmer, James Scott
; REGISTRATION NUMBER: 36,129
; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8614
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
;
US-08-444-803-85

Query Match      0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4463 CTTTCTTTTCTTTTCTTTTCTTTTCTTT 4488
Db      30 CTTATGTTTTTTTTTTTTTTGTAAT 5
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Db 30 CTTATGTTTTTTTTTTTGAATT 5

RESULT 195  
US-08-449-043-85/c  
Sequence 85, Application US/08449043  
Patent No. 5689044

GENERAL INFORMATION:  
APPLICANT: Ryals, John A.  
APPLICANT: Alexander, Danny C.  
APPLICANT: Beck, James J.  
APPLICANT: Duesing, John H.  
APPLICANT: Friedrich, Leslie B.  
APPLICANT: Goodman, Robert M.  
APPLICANT: Harms, Christian  
APPLICANT: Helms, Jr., Frederick  
APPLICANT: Montoya, Alice  
APPLICANT: Moyer, Mary B.  
APPLICANT: Neuhaus, Jean-Marc  
APPLICANT: Payne, George B.  
APPLICANT: Sperison, Christoph  
APPLICANT: Stinson, Jeffrey R.  
APPLICANT: Uknes, Scott J.  
APPLICANT: Ward, Eric R.  
APPLICANT: Williams, Shericca C.

TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
NUMBER OF SEQUENCES: 106  
CORRESPONDENCE ADDRESS:  
ADDRESS: CIBA-GEIGY Corporation  
STREET: 7 Skyline Drive  
CITY: Hawthorne  
STATE: New York  
COUNTRY: USA  
ZIP: 10532

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/449,043  
FILING DATE: 24-MAY-1995  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/181,271  
FILING DATE: 13-JAN-94  
APPLICATION NUMBER: US 08/093,301  
FILING DATE: 16-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/937,197  
FILING DATE: 6-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/678,378  
FILING DATE: 1-APR-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/305,566  
FILING DATE: 6-FEB-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/165,667  
FILING DATE: 8-MAR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/042,847  
FILING DATE: 6-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/632,441  
FILING DATE: 21-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/425,504  
FILING DATE: 20-OCT-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/848,506  
FILING DATE: 6-MAR-1992

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/768,122  
FILING DATE: 27-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/580,431  
FILING DATE: 7-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/368,672  
FILING DATE: 20-JUN-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/329,018  
FILING DATE: 24-MAR-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/045,957  
FILING DATE: 12-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Elmer, James Scott  
REGISTRATION NUMBER: 36,129  
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727  
TELEPHONE: (919)541-8614  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-449-043-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;  
Best Local Similarity 84.6%; Pred. No. 4.5e+02;  
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4463 CTTATGTTTTTTTTTTTGAATT 4488  
Db 30 CTTATGTTTTTTTTTTTGAATT 5

RESULT 196  
US-08-456-265A-85/c  
Sequence 85, Application US/08456265A  
Patent No. 5767369

GENERAL INFORMATION:  
APPLICANT: Ryals, John A.  
APPLICANT: Alexander, Danny C.  
APPLICANT: Beck, James J.  
APPLICANT: Duesing, John H.  
APPLICANT: Friedrich, Leslie B.  
APPLICANT: Goodman, Robert M.  
APPLICANT: Harms, Christian  
APPLICANT: Helms, Jr., Frederick  
APPLICANT: Montoya, Alice  
APPLICANT: Moyer, Mary B.  
APPLICANT: Neuhaus, Jean-Marc  
APPLICANT: Payne, George B.  
APPLICANT: Sperison, Christoph  
APPLICANT: Stinson, Jeffrey R.  
APPLICANT: Uknes, Scott J.  
APPLICANT: Ward, Eric R.  
APPLICANT: Williams, Shericca C.

TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESS: CIBA-GEIGY Corporation  
STREET: 520 White Plains Road, P.O. Box 2005  
CITY: Tarrytown  
STATE: New York  
COUNTRY: USA  
ZIP: 10591

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/456,265A  
FILING DATE: 31-MAY-95  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/181,271  
FILING DATE: 13-JAN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/093,301

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; FILING DATE: 16-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/937,197
; FILING DATE: 6-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/678,378
; FILING DATE: 1-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/305,566
; FILING DATE: 6-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/165,667
; FILING DATE: 8-MAR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/042,847
; FILING DATE: 6-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/632,441
; FILING DATE: 21-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/425,504
; FILING DATE: 20-OCT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,506
; FILING DATE: 6-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/768,122
; FILING DATE: 27-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/580,431
; FILING DATE: 7-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: S-19825/PL/CGC 1727/DIV10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8587
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-456-265A-85

Query Match      0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4463 CTTATGTTTTTTTTTTGCTT 4488
Db      30 CTTATGTTTTTTTTTTTGAATT 5

RESULT 197
US-08-455-416-85/c
; Sequence 85. Application US/08455416
; Patent No. 5777200
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Alexander, Danny C.
; APPLICANT: Beck, James J.
;

; APPLICANT: Duesing, John H.
; APPLICANT: Friedrich, Leslie B.
; APPLICANT: Goodman, Robert M.
; APPLICANT: Harms, Christian
; APPLICANT: Meigs, Jr., Frederick
; APPLICANT: Montoya, Alice
; APPLICANT: Moyer, Mary B.
; APPLICANT: Neuhous, Jean-Marc
; APPLICANT: Payne, George B.
; APPLICANT: Spertson, Christoph
; APPLICANT: Scinson, Jeffrey R.
; APPLICANT: Uknes, Scott J.
; APPLICANT: Ward, Eric R.
; APPLICANT: Williams, Shericca C.
; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
; TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,416
; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/181,271
; FILING DATE: 13-JAN-94
; APPLICATION NUMBER: US 08/093,301
; FILING DATE: 16-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/937,197
; FILING DATE: 6-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/678,378
; FILING DATE: 1-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/305,566
; FILING DATE: 6-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/165,667
; FILING DATE: 8-MAR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/042,847
; FILING DATE: 6-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/632,441
; FILING DATE: 21-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/425,504
; FILING DATE: 20-OCT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,506
; FILING DATE: 6-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/768,122
; FILING DATE: 27-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/580,431
; FILING DATE: 7-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; APPLICATION NUMBER: US 07/329,018
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;; FILING DATE: 24-MAR-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/045,957  
;; FILING DATE: 12-APR-1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Elmer, James Scott  
;; REGISTRATION NUMBER: 36,129  
;; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (919)541-8614  
;; TELEFAX: (919)541-8689  
;; INFORMATION FOR SEQ ID NO: 85:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 30 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
US-08-455-416-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;  
Best Local Similarity 84.6%; Pred. No. 4.5e+02;  
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 4463 CTTTCTTTTCTTTTCTTCTT 4488  
Db 30 CTTATGTTTTTTTTTTTGAATT 5

RESULT 198  
US-08-455-244-85/C  
; Sequence 85, Application US/08455244  
; Patent No. 5789214  
; GENERAL INFORMATION:  
; APPLICANT: Ryals, John A.  
; APPLICANT: Alexander, Danny C.  
; APPLICANT: Beck, James J.  
; APPLICANT: Duesing, John H.  
; APPLICANT: Friedrich, Leslie B.  
; APPLICANT: Goodman, Robert M.  
; APPLICANT: Harms, Christian  
; APPLICANT: Helms, Jr., Frederick  
; APPLICANT: Montoya, Alice  
; APPLICANT: Moyer, Mary B.  
; APPLICANT: Neunhaus, Jean-Marc  
; APPLICANT: Payne, George B.  
; APPLICANT: Sperison, Christoph  
; APPLICANT: Stinson, Jeffrey R.  
; APPLICANT: Uknes, Scott J.  
; APPLICANT: Ward, Eric R.  
; APPLICANT: Williams, Sherleca C.  
; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
; NUMBER OF SEQUENCES: 106  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CIBA-GEIGY Corporation  
; STREET: 7 Skyline Drive  
; CITY: Hawthorne  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10532

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/455,244  
FILING DATE: 31-MAY-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/181,271  
FILING DATE: 13-JAN-94

;; APPLICATION NUMBER: US 08/093,301  
;; FILING DATE: 16-JUL-1993  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/937,197  
;; FILING DATE: 6-NOV-1992  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/678,378  
;; FILING DATE: 1-APR-1991  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/305,566  
;; FILING DATE: 6-FEB-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/165,667  
;; FILING DATE: 8-MAR-1988  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/042,847  
;; FILING DATE: 6-APR-1993  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/632,441  
;; FILING DATE: 21-DEC-1990  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/425,504  
;; FILING DATE: 20-OCT 1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/848,506  
;; FILING DATE: 6-MAR-1992  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/768,122  
;; FILING DATE: 27-SEP-1991  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/580,431  
;; FILING DATE: 7-SEP-1990  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/368,672  
;; FILING DATE: 20-JUN-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/329,018  
;; FILING DATE: 24-MAR-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/045,957  
;; FILING DATE: 12-APR-1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Elmer, James Scott  
;; REGISTRATION NUMBER: 36,129  
;; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (919)541-8614  
;; TELEFAX: (919)541-8689  
;; INFORMATION FOR SEQ ID NO: 85:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 30 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
US-08-455-244-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;  
Best Local Similarity 84.6%; Pred. No. 4.5e+02;  
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 4463 CTTTCTTTTCTTTTCTTCTT 4488  
Db 30 CTTATGTTTTTTTTTTTGAATT 5

RESULT 199  
US-08-454-876-85/C  
; Sequence 85, Application US/08454876  
; Patent No. 5804693  
; GENERAL INFORMATION:  
; APPLICANT: Ryals, John A.  
; APPLICANT: Alexander, Danny C.

APPLICANT: Beck, James J.  
APPLICANT: Duesing, John H.  
APPLICANT: Friedrich, Leslie B.  
APPLICANT: Goodman, Robert M.  
APPLICANT: Harms, Christian  
APPLICANT: Meins, Jr., Frederick  
APPLICANT: Montoya, Alice  
APPLICANT: Moyer, Mary B.  
APPLICANT: Neuhaus, Jean-Marc  
APPLICANT: Payne, George B.  
APPLICANT: Sperison, Christoph  
APPLICANT: Stinson, Jeffrey R.  
APPLICANT: Uknes, Scott J.  
APPLICANT: Ward, Eric R.  
APPLICANT: Williams, Shericca C.  
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
NUMBER OF SEQUENCES: 106  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: CIBA-GEIGY Corporation  
STREET: 7 Skyline Drive  
CITY: Hawthorne  
STATE: New York  
COUNTRY: USA  
ZIP: 10532  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/454,876  
FILING DATE: 31-MAY-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/181,271  
FILING DATE: 13-JAN-94  
APPLICATION NUMBER: US 08/093,301  
FILING DATE: 16-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/937,197  
FILING DATE: 6-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/678,378  
FILING DATE: 1-APR-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/305,566  
FILING DATE: 6-FEB-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/165,667  
FILING DATE: 8-MAR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/042,847  
FILING DATE: 6-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/632,441  
FILING DATE: 21-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/425,504  
FILING DATE: 20-OCT-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/848,506  
FILING DATE: 6-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/768,122  
FILING DATE: 27-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/580,431  
FILING DATE: 7-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/368,672  
FILING DATE: 20-JUN-1989  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/329,018  
FILING DATE: 24-MAR-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/045,957  
FILING DATE: 12-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Elmer, James Scott  
REGISTRATION NUMBER: 36,129  
REFERENCE/DOCKET NUMBER: S-19825/P1/CSC 1727  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919) 541-8614  
TELEFAX: (919) 541-8689  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-454-876-85  
Query Match 0.3%; Score 19.6; DB 1; Length 30;  
Best Local Similarity 84.6%; Pred. No. 4.5e+02;  
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4463 CTTTCTTTTCTTTTCTTCTT 4488  
DB 30 CTTATGTTTTTTTTTTTGAATT 5  
RESULT 200  
US-08-457-364-85/C  
Sequence 85, Application US/08457364  
Patent No. 5847258  
GENERAL INFORMATION:  
APPLICANT: Ryals, John A.  
APPLICANT: Alexander, Danny C.  
APPLICANT: Beck, James J.  
APPLICANT: Duesing, John H.  
APPLICANT: Friedrich, Leslie B.  
APPLICANT: Goodman, Robert M.  
APPLICANT: Harms, Christian  
APPLICANT: Meins, Jr., Frederick  
APPLICANT: Montoya, Alice  
APPLICANT: Moyer, Mary B.  
APPLICANT: Neuhaus, Jean-Marc  
APPLICANT: Payne, George B.  
APPLICANT: Sperison, Christoph  
APPLICANT: Stinson, Jeffrey R.  
APPLICANT: Uknes, Scott J.  
APPLICANT: Ward, Eric R.  
APPLICANT: Williams, Shericca C.  
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
NUMBER OF SEQUENCES: 106  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: CIBA-GEIGY Corporation  
STREET: 7 Skyline Drive  
CITY: Hawthorne  
STATE: New York  
COUNTRY: USA  
ZIP: 10532  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,364  
FILING DATE: 31-MAY-1995  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/181,271

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/          FLING DATE: 13-JAN-94
/          APPLICATION NUMBER: US 08/093,301
/          FLING DATE: 16-JUL-1993
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/937,197
/          FLING DATE: 6-NOV-1992
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/678,378
/          FLING DATE: 1-APR-1991
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/305,566
/          FLING DATE: 6-FEB-1989
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/165,667
/          FLING DATE: 8-MAR-1988
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 08/042,847
/          FLING DATE: 6-APR-1993
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/632,441
/          FLING DATE: 21-DEC-1990
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/425,504
/          FLING DATE: 20-OCT-1989
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/848,506
/          FLING DATE: 6-MAR-1992
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/768,122
/          FLING DATE: 27-SEP-1991
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/580,431
/          FLING DATE: 7-SEP-1990
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/368,672
/          FLING DATE: 20-JUN-1989
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 07/329,018
/          FLING DATE: 24-MAR-1989
/          PRIOR APPLICATION DATA:
/          APPLICATION NUMBER: US 08/045,957
/          FLING DATE: 12-APR-1993
/          ATTORNEY/AGENT INFORMATION:
/          NAME: Elmer, James Scott
/          REGISTRATION NUMBER: 36,129
/          REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
/          TELECOMMUNICATION INFORMATION:
/          TELEPHONE: (919)541-8614
/          TELEFAX: (919)541-8689
/          INFORMATION FOR SEQ ID NO: 85:
/          SEQUENCE CHARACTERISTICS:
/             LENGTH: 30 base pairs
/             TYPE: nucleic acid
/             STRANDEDNESS: single
/             TOPOLOGY: linear
/          MOLECULE TYPE: DNA
/          US-08-457-364-85

Query Match      0.3%; Score 19.6; DB 1; Length 30;
Beat Local Similarity 84.6%; Pred.No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4463 CTTTTCCTTTTTTTTTTGCTGCTT 4488
         ||| ||||| ||||| ||||| |||
Db       30 CTATGTTTTCCTTTTTTTTGCAATT 5

RESULT 201
US-08-456-262-85/c
; Sequence 85, Application US/08456262
; Patent No. 5651766
; GENERAL INVENTOR: Ryals, John A.
```

APPLICANT: Alexander, Danny C.  
APPLICANT: Beck, James J.  
APPLICANT: Duesting, John H.  
APPLICANT: Friedrich, Leslie B.  
APPLICANT: Goodman, Robert M.  
APPLICANT: Harms, Christian  
APPLICANT: Meins, Jr., Frederick  
APPLICANT: Montoya, Alice  
APPLICANT: Moyer, Mary B.  
APPLICANT: Neuhaus, Jean-Marc  
APPLICANT: Payne, George B.  
APPLICANT: Sperison, Christoph  
APPLICANT: Stinson, Jeffrey R.  
APPLICANT: Uknes, Scott J.  
APPLICANT: Ward, Eric R.  
APPLICANT: Williams, Shericca C.  
TITLE OF INVENTION: CHEMICALS REGULATABLE AND ANTI-PATHOGENIC  
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF  
NUMBER OF SEQUENCES: 106  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CIBA-GEIGY Corporation  
STREET: 7 Skyline Drive  
CITY: Hawthorne  
STATE: New York  
COUNTRY: USA  
ZIP: 10532  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/456,262  
FILING DATE: 31-MAY-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/181,271  
FILING DATE: 13-JAN-94  
APPLICATION NUMBER: US 08/093,301  
FILING DATE: 16-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/937,197  
FILING DATE: 6-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/678,378  
FILING DATE: 1-APR-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/305,566  
FILING DATE: 6-FEB-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/165,667  
FILING DATE: 8-MAR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/042,847  
FILING DATE: 6-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/632,441  
FILING DATE: 21-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/425,504  
FILING DATE: 20-OCT-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/848,506  
FILING DATE: 6-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/768,122  
FILING DATE: 27-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/580,431  
FILING DATE: 7-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/368,672  
FILING DATE: 20-JUN-1989

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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,433
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,677
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,011
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,955
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-198925/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-456-240-85

Query Match          0.3% Score 1
Best Local Similarity 84.6% Pred. 1
Matches 22; Conservative 0; Mism

QY      4463 CTTTTTTTTTTTTTTTGGCTT
      ||| ||| ||| ||| ||| ||| |||
Db      30 CTTATGCTTTTTTTTTTTTGAATT

RESULT 203
US-08-455-736-85/C
Sequence 85, Application US/08455736
Patent No. 5880328
GENERAL INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727/DIV5/CONT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-971-217-85

Query Match      0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred.No.4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4463 CTTTGTGTTTTTTTGTGCTT 4488
          ||| ||||| ||||| ||| ||
Db       30 CTATGTTTTTTTGTGAAT 5

RESULT 205
Sequence 85, Application US/09350600
Patent No. 6262342
GENERAL INFORMATION:
APPLICANT: Meins, Frederick
APPLICANT: Shinishi, Hideaki
APPLICANT: Wenzler, Herman
APPLICANT: Hofsteenge, Jan
APPLICANT: Ryals, John
APPLICANT: Sperisen, Christoph
TITLE OF INVENTION: DNA SEQUENCES ENCODING POLYPEPTIDES
```

```

1 TITLE OF INVENTION: HAVING BETA-1,3-GLUCANASE ACTIVITY
2
3 NUMBER OF SEQUENCES: 111
4
5 CORRESPONDENCE ADDRESS:
6 ADDRESSEE: No. 626342artis Corporation
7 STREET: 3054 Cornellias Road, P.O. Box 12257
8 CITY: Research Triangle Park
9 STATE: NC
10 COUNTRY: USA
11
12 ZIP: 27709
13
14 COMPUTER READABLE FORM:
15 MEDIUM TYPE: floppy disk
16 COMPUTER: IBM PC compatible
17 OPERATING SYSTEM: PC-DOS/MS-DOS
18 SOFTWARE: PatentIn Release #1.0, Version #1.25
19
20 CURRENT APPLICATION DATA:
21 APPLICATION NUMBER: US/09/350,600
22 FILING DATE:
23
24 PRIOR APPLICATION DATA:
25 APPLICATION NUMBER: US 08/971,217
26 FILING DATE: 14-NOV-1997
27
28 PRIOR APPLICATION DATA:
29 APPLICATION NUMBER: US 08/457,364
30 FILING DATE: 31-MAY-1995
31
32 PRIOR APPLICATION DATA:
33 APPLICATION NUMBER: US 08/181,271
34 FILING DATE: 13-JAN-1994
35
36 PRIOR APPLICATION DATA:
37 APPLICATION NUMBER: US 08/093,301
38 FILING DATE: 16-JUL-1993
39
40 PRIOR APPLICATION DATA:
41 APPLICATION NUMBER: US 07/937,197
42 FILING DATE: 6-NOV-1992
43
44 PRIOR APPLICATION DATA:
45 APPLICATION NUMBER: US 07/678,378
46 FILING DATE: 1-APR-1991
47
48 PRIOR APPLICATION DATA:
49 APPLICATION NUMBER: US 07/305,566
50 FILING DATE: 6-FEB-1989
51
52 PRIOR APPLICATION DATA:
53 APPLICATION NUMBER: US 07/165,667
54 FILING DATE: 8-MAR-1988
55
56 PRIOR APPLICATION DATA:
57 APPLICATION NUMBER: US 08/042,847
58 FILING DATE: 6-APR-1993
59
60 PRIOR APPLICATION DATA:
61 APPLICATION NUMBER: US 07/632,441
62 FILING DATE: 21-DEC-1990
63
64 PRIOR APPLICATION DATA:
65 APPLICATION NUMBER: US 07/425,504
66 FILING DATE: 20-OCT-1989
67
68 PRIOR APPLICATION DATA:
69 APPLICATION NUMBER: US 07/848,506
70 FILING DATE: 6-MAR-1992
71
72 PRIOR APPLICATION DATA:
73 APPLICATION NUMBER: US 07/768,122
74 FILING DATE: 27-SEP-1991
75
76 PRIOR APPLICATION DATA:
77 APPLICATION NUMBER: US 07/580,431
78 FILING DATE: 7-SEP-1990
79
80 PRIOR APPLICATION DATA:
81 APPLICATION NUMBER: US 07/368,672
82 FILING DATE: 20-JUN-1989
83
84 PRIOR APPLICATION DATA:
85 APPLICATION NUMBER: US 07/329,018
86 FILING DATE: 24-MAR-1989
87
88 PRIOR APPLICATION DATA:
89 APPLICATION NUMBER: US 07/381,443
90 FILING DATE: 18-JUL-1989
91
92 PRIOR APPLICATION DATA:
93 APPLICATION NUMBER: US 07/353,312
94 FILING DATE: 17-MAY-1989
95
96 PRIOR APPLICATION DATA:
97 APPLICATION NUMBER: US 07/226,303
98
99

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FILING DATE: 29-JUL-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/045,957  
FILING DATE: 12-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: S-198250  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919)541-8587  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-350-600-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;  
Best Local Similarity 84.6%; Pred. No. 4.5e+02;  
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4463 CTTTCTTTTCTTTTCTTCTT 4488  
Db 30 CTTATGTTTTTTTTTTGAATT 5

RESULT 206  
US-09-906-234-85/C  
Sequence 85, Application US/09906234  
Patent No. 6632981  
GENERAL INFORMATION:  
APPLICANT: Meine, Frederick  
Shinshi, Hideaki  
Wenzler, Herman  
Hofsteenge, Jan  
Ryals, John  
Speisen, Christoph  
TITLE OF INVENTION: DNA SEQUENCES ENCODING POLYPEPTIDES  
HAVING BETA-1,3-GLUCANASE ACTIVITY  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: No. 6632981artis Corporation  
STREET: 3054 Cornwallis Road, P.O. Box 12257  
CITY: Research Triangle Park  
STATE: NC  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/906,234  
FILING DATE: 16-Jul-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/350,600  
FILING DATE: 9-JULY-1999  
APPLICATION NUMBER: US 08/457,364  
FILING DATE: 31-MAY-1995  
APPLICATION NUMBER: US 08/181,271  
FILING DATE: 13-JAN-1994  
APPLICATION NUMBER: US 08/093,301  
FILING DATE: 16-JUL-1993  
APPLICATION NUMBER: US 07/937,197  
FILING DATE: 6-NOV-1992  
APPLICATION NUMBER: US 07/678,378  
FILING DATE: 1-APR-1991  
APPLICATION NUMBER: US 07/305,566  
FILING DATE: 6-FEB-1989

APPLICATION NUMBER: US 07/165,667  
FILING DATE: 8-MAR-1988  
APPLICATION NUMBER: US 08/042,847  
FILING DATE: 6-APR-1993  
APPLICATION NUMBER: US 07/632,441  
FILING DATE: 21-DEC-1990  
APPLICATION NUMBER: US 07/425,504  
FILING DATE: 20-OCT-1989  
APPLICATION NUMBER: US 07/848,506  
FILING DATE: 6-MAR-1992  
APPLICATION NUMBER: US 07/768,122  
FILING DATE: 27-SEP-1991  
APPLICATION NUMBER: US 07/580,431  
FILING DATE: 7-SEP-1990  
APPLICATION NUMBER: US 07/368,672  
FILING DATE: 20-JUN-1989  
APPLICATION NUMBER: US 07/329,018  
FILING DATE: 24-MAR-1989  
APPLICATION NUMBER: US 07/381,443  
FILING DATE: 18-JUL-1988  
APPLICATION NUMBER: US 07/353,312  
FILING DATE: 17-MAY-1989  
APPLICATION NUMBER: US 07/226,303  
FILING DATE: 29-JUL-1988  
APPLICATION NUMBER: US 08/045,957  
FILING DATE: 12-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: S-198250  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919)541-8587  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 85:  
US-09-906-234-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;  
Best Local Similarity 84.6%; Pred. No. 4.5e+02;  
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4463 CTTTCTTTTCTTTTCTTCTT 4488  
Db 30 CTTATGTTTTTTTTTTGAATT 5

RESULT 207  
US-09-721-154-2  
Sequence 2, Application US/09721154  
Patent No. 6651008  
GENERAL INFORMATION:  
APPLICANT: Valseberg, Eugene  
Adams, Cynthia  
Saby, James  
APPLICANT: Compson, Anne  
TITLE OF INVENTION: Database system including computer code  
for predictive cellular bioinformatics  
FILE REFERENCE: Cyt0P007C2  
CURRENT APPLICATION NUMBER: US/09/721,154  
FILING DATE: 2002-06-14  
PRIOR APPLICATION NUMBER: 09/311,996  
PRIOR FILING DATE: 1999-05-14  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 24  
TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Pseudo-sequence
US-09-721-154-2

Query Match          0.3%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 3.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4462 ACCTTTTCTTTTCTTTTCTTCTTCT 4485
Db      1 ATTTTCTTTTCTTTTCTTTTCTTCTTCT 24

RESULT 208
US-09-866-108A-13908
; Sequence 13908, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13908
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13908

Query Match          0.3%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5542 GGTGTCATGAGATGAGAGAGT 5565
Db      2 GCGCGTCATGAGAGTGAAGT 25

RESULT 209
US-09-866-108A-13909
; Sequence 13909, Application US/09866108A
; Patent No. 6686188
```

```
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13909
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13909

Query Match          0.3%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5542 GGTGTCATGAGATGAGAGAGT 5565
Db      1 GCGCGTCATGAGAGTGAAGT 24

RESULT 210
US-09-394-630-10
; Sequence 10, Application US/09394630
; Patent No. 6395306
; GENERAL INFORMATION:
; APPLICANT: Cui, Xiangmin
; APPLICANT: Lu, Yuefeng
; APPLICANT: Pan Pacific Pharmaceutical, Inc.
; TITLE OF INVENTION: Useful Properties of a Bee Venom Protein and Gene
; FILE REFERENCE: 019049-000200US
; CURRENT APPLICATION NUMBER: US/09/394,630
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: US 60/100,172
; PRIOR FILING DATE: 1998-09-14
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```







```

RESULT 220
US-09-016-520-23
; Sequence 23, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; FILE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-23

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2,2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          4464 TTTTYYYYYYYYYYYYTTTT 4482
DB          1 TTTTYYYYYYYYYYYYTTTT 19

RESULT 221
US-09-016-520-24
; Sequence 24, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; FILE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-24

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2,2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          4464 TTTTYYYYYYYYYYYYTTTT 4482
DB          1 TTTTYYYYYYYYYYYYTTTT 19

```

```

RESULT 222
US-05-016-520-25
; Sequence 25, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-25

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTT 4482
          |||||||
Db       1 TTTTTTTTTTTTTTTT 19

RESULT 223
US-09-016-520-26
; Sequence 26, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-26

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```



```

; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-09-016-520-34

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2,2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTTTTTT 4482
      |||||
Db      1 TTTTTTTTTTTTTTTTTTTT 19

RESULT 228
US-09-016-520-44
; Sequence 44, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methyleneiminoxyethoxy
US-09-016-520-44

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2,2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTTTTTT 4482
      |||||
Db      1 TTTTTTTTTTTTTTTTTTTT 19

RESULT 229
US-09-378-568-4
; Sequence 4, Application US/09378568
; Patent No. 6147200
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Fraser, Allister S
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: 2'-O-acetamidido Modified Monomers and Oligomers
; FILE REFERENCE: ISIS4071
; CURRENT APPLICATION NUMBER: US/09/378,568
; CURRENT FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Artificial sense

```

```

; OTHER INFORMATION: sequence
US-09-378-568-4

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTTTTTTTTTTTTTT 4482
           |||||
Db       1 TTTT TTTTTTTTTTTTTTTT 19

RESULT 230
US-09-130-973-20
; Sequence 20, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 20
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 5 methyl, 2'-aminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
US-09-130-973-20

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTTTTTTTTTTTTTT 4482
           |||||
Db       1 TTTT TTTTTTTTTTTTTTTT 19

RESULT 231
US-09-130-973-21
; Sequence 21, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethoxy
OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethoxy

```



```

; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
; OTHER INFORMATION: Sequence
US-09-130-973-21

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2.2e+02;		
Matches 19; Conservative	0;	Mismatches	0;	Indels 0;
				Gaps 0;

Qy	4464	4482
Db	1	19

RESULT 232  
US-09-130-973-22  
; Sequence 22, Application US/09130973  
Data was 5173300

APPLICANT: Manoharan, Muthiah  
 APPLICANT: Cook, Phillip Dan  
 APPLICANT: Prakash, Thazha P  
 APPLICANT: Kwasiecki, Andrew M  
 TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
 TITLE OF INVENTION: Making Same  
 FILE REFERENCE: ISIS2955  
 CURRENT APPLICATION NUMBER: US/09/130,973  
 CURRENT FILING DATE: 1998-08-07  
 NUMBER OF SEQ ID NOS: 58  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 22  
 LENGTH: 19  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (15)..(18)  
 OTHER INFORMATION: 2'-O-methoxyethyl (MOE)  
 OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
 OTHER INFORMATION: Sequence  
 IS-09-130-973-22

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2.2e+02;		
Matches 19; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

```
QY      4464 TTTTTTTTTTTTTTTTTT 4482  
        |||||  
Db      1   TTTTTTTTTTTTTTTTTT 19
```

```

RESULT 233
US-09-130-973-23
; Sequence 23, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)

```



```

;   FEATURE:
;   NAME/KEY: misc feature
;   LOCATION: (16)-(19)
;   OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (7-2-DMAOE)
;   OTHER INFORMATION: Description of Artificial Sequence: No. 6172209et1
;   OTHER INFORMATION: Sequence
US-09-130-973-33

```

Query Match	0.3%	Score 19	DB 1	Length 19
Best Local Similarity	100.0%	Pred. No.	2.2e+02	
Matches 19	Conservative 0	Mismatches 0	Indels 0	Gaps 0

```

RESULT 240
US-09-130-973-34
; Sequence 34, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thasha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: IS162955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine ('T'-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; US-09-130-973-34

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2.2e+02;		
Matches 19, Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

```

RESULT 241
US-09-130-973--44
Sequence 44, Application US/09130973
Patent No. 6172209
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
FILE REFERENCE: IS152955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 44
LENGTH: 19
TYPE: DNA

```

```

? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
? OTHER INFORMATION: Sequence
? NAME/KEY: misc_feature
? LOCATION: (15)..(18)
? OTHER INFORMATION: 2'-O-methyleneiminoxyethyl thymidine
US-09-130-973-44

```

Query Match	0.3%	Score 19	DB 1	Length 19
Best Local Similarity	100.0%	Pred. No. 2.2e+02		
Matches 19	Conservative 0	Mismatches 0	Indels 0	Gaps 0

RESULT 242  
 US-09-477-902-20  
 Sequence 20, Application US/09477902  
 Patent No. 6194598  
 GENERAL INFORMATION:  
 APPLICANT: Cook, Phillip D  
 APPLICANT: Manoharan, Muthiah  
 APPLICANT: Kawasaki, Andrew  
 TITLE OF INVENTION: Aminoacyl-Modified Oligonucleotides  
 FILE REFERENCE: IS152824  
 CURRENT APPLICATION NUMBER: US/09/477,902  
 CURRENT FILING DATE: 2000-01-05  
 PRIOR APPLICATION NUMBER: 09/016,520  
 PRIOR FILING DATE: 1998-01-30  
 PRIOR APPLICATION NUMBER: 60/037,143  
 PRIOR FILING DATE: 1997-02-14  
 NUMBER OF SEQ ID NOS: 47  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 20  
 LENGTH: 19  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 NAME/KEY: misc feature  
 LOCATION: (15)-(18)  
 OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy  
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 OTHER INFORMATION: Sequence  
 US-09-477-902-20

Query Match	0.34	Score 19	DB 1	Length 19
Similarity	100.0%	Pred. No. 2.2e+02		
Best Local	19	Conservative 0	Mismatches 0	Gaps 0

```

RESULT 243
US-09-477-902-21
; Sequence 21, Application US/09477902
; Patent No. 6194598
;
GENERAL INFORMATION:
;
APPLICANT: Cook, Phillip D
;
APPLICANT: Manoharan, Andrew
;
APPLICANT: Kawasaki, Andrew
;
TITLE OF INVENTION: Anthrax-Modified Oligonucleotides
;
FILE REFERENCE: IS15824
;
CURRENT APPLICATION NUMBER: US/09/477,902
;
CURRENT FILING DATE: 2000-01-05
;
PRIOR APPLICATION NUMBER: 09/016,520
;
PRIOR FILING DATE: 1998-01-30
;
PRIOR APPLICATION NUMBER: 60/037,143
;
PRIOR FILING DATE: 1997-02-14

```

```

1 // NUMBER OF SEQ ID NOS: 47
2 // SOFTWARE: PatentIn Ver. 2.1
3 // SEQ ID NO 21
4 // LENGTH: 19
5 // TYPE: DNA
6 // ORGANISM: Artificial Sequence
7 // FEATURE:
8 // NAME/KEY: misc feature
9 // LOCATION: (15)..(18)
10 // OTHER INFORMATION: 5-methyl-2',-dimethylaminoxyethoxy
11 // OTHER INFORMATION: Description of Artificial Sequence: Synthetic
12 // OTHER INFORMATION: Sequence
13 // US-09-477-902-21

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2.2e+02;		
Matches	19;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0

[illegible]

```

RESULT 244
; Sequence 22, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; PRIORITY FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-477-902-22

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2.2e+02;		
Matches 19;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	TTTTTTTTTTTTTTTTTTTT	44822
Db	1	TTTTTTTTTTTTTTTTTTTT	19

RESULT 245  
US-09-477-902-23  
: Sequence 23, Application US/09477902  
: Patent No. 6194598  
: GENERAL INFORMATION:  
: APPLICANT: COOK, Phillip D  
: APPLICANT: Manoharan, Muthiah  
: APPLICANT: Kawasaki, Andrew  
: TITLE OF INVENTION: Anthnooxy-Modified Oligonucleotides  
: FILE REFERENCE: IS1S2824  
: CURRENT APPLICATION NUMBER: US/09/477,902

```

1 CURRENT FILING DATE: 2000-01-05
2 PRIOR APPLICATION NUMBER: 09/016,520
3 PRIOR FILING DATE: 1998-01-30
4 PRIOR APPLICATION NUMBER: 60/037,143
5 PRIOR FILING DATE: 1997-02-14
6 NUMBER OF SEQ ID NOS: 47
7 SOFTWARE: PatentIn Ver. 2.1
8 SEQ ID NO 23
9 LENGTH: 19
10 TYPE: DNA
11 ORGANISM: Artificial Sequence
12 FEATURES:
13 NAME/KEY: misc_feature
14 LOCATION: (16)..(119)
15 OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
16 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
17 OTHER INFORMATION: Sequence
18 US-09-477-902-23

```

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

[illegible]

```

RESULT 246
US-09-477-902-24
: Sequence 24, Application US/09477902
: Patent No. 6194598
: GENERAL INFORMATION:
: APPLICANT: Cook, Phillip D
: APPLICANT: Manoharan, Muthiah
: APPLICANT: Kawasaki, Andrew
: TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
: FILE REFERENCE: ISIS2824
: CURRENT APPLICATION NUMBER: US/09/477,902
: CURRENT FILING DATE: 2000-01-05
: PRIOR APPLICATION NUMBER: 09/016,520
: PRIOR FILING DATE: 1998-01-30
: PRIOR APPLICATION NUMBER: 60/037,143
: PRIOR FILING DATE: 1997-02-14
: NUMBER OF SEQ ID NOS: 47
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 24
: LENGTH: 19
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: NAME/KEY: misc feature
: LOCATION: (16)-(19)
: OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-24

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2.2e+02;		
Matches	19;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;

<b>Dy</b>	4464		4482
<b>Dd</b>	1		19

```

RESULT 247
US-09-477-902-25
; Sequence 25, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D

```



Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 251  
US-09-477-902-33

; Sequence 33, Application US/09477902

; Patent No. 6194598

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Kawasaki, Andrew

; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides

; FILE REFERENCE: ISIS2824

; CURRENT APPLICATION NUMBER: US/09/477,902

; CURRENT FILING DATE: 2000-01-05

; PRIOR APPLICATION NUMBER: 09/016,520

; PRIOR FILING DATE: 1998-01-30

; PRIOR APPLICATION NUMBER: 60/037,143

; PRIOR FILING DATE: 1997-02-14

; NUMBER OF SEQ ID NOS: 47

; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 33

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; NAME/KEY: misc\_feature

; LOCATION: (16)..(19)

; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy

US-09-477-902-33

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4482

Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 252

US-09-477-902-34

; Sequence 34, Application US/09477902

; Patent No. 6194598

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Kawasaki, Andrew

; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides

; FILE REFERENCE: ISIS2824

; CURRENT APPLICATION NUMBER: US/09/477,902

; CURRENT FILING DATE: 2000-01-05

; PRIOR APPLICATION NUMBER: 09/016,520

; PRIOR FILING DATE: 1998-01-30

; PRIOR APPLICATION NUMBER: 60/037,143

; PRIOR FILING DATE: 1997-02-14

; NUMBER OF SEQ ID NOS: 47

; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 34

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; NAME/KEY: misc\_feature

; LOCATION: (16)..(19)

; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy

US-09-477-902-34

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4482

Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 253

US-09-477-902-44

; Sequence 44, Application US/09477902

; Patent No. 6194598

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Kawasaki, Andrew

; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides

; FILE REFERENCE: ISIS2824

; CURRENT APPLICATION NUMBER: US/09/477,902

; CURRENT FILING DATE: 2000-01-05

; PRIOR APPLICATION NUMBER: 09/016,520

; PRIOR FILING DATE: 1998-01-30

; PRIOR APPLICATION NUMBER: 60/037,143

; PRIOR FILING DATE: 1997-02-14

; NUMBER OF SEQ ID NOS: 47

; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 44

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; NAME/KEY: misc\_feature

; LOCATION: (15)..(18)

; OTHER INFORMATION: 2'-methyleneaminoxyethoxy

US-09-477-902-44

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4482

Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 254

US-08-726-278-16

; Sequence 16, Application US/08726278

; Patent No. 6238624

; GENERAL INFORMATION:

; APPLICANT: Heller, Michael J.

; APPLICANT: Tu, Eugene

; APPLICANT: Evans, Glen A.

; APPLICANT: Sosnowski, Ronald G.

; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR

; FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210

; CURRENT APPLICATION NUMBER: US/08/726,278

; CURRENT FILING DATE: 1996-10-04

; PRIOR APPLICATION NUMBER: 08/271,882

; PRIOR FILING DATE: 1994-07-07

; NUMBER OF SEQ ID NOS: 44

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 16

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Sequences for

; OTHER INFORMATION: Labeling



```

RESTULT 262
US-09-303-586-17
; Sequence 17, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
;
; LENGTH: 19
;
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
;

```





QY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
Db 1 TTTT TTTT TTTT TTTT 19

RESULT 266  
US-09-227-782-2  
; Sequence 2, Application US/09227782  
; Patent No. 6403779  
; GENERAL INFORMATION:  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Fraser, Allister S  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Prakash, Thazha P  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: IS15315  
; CURRENT APPLICATION NUMBER: US/09/227,782  
; CURRENT FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence  
US-09-227-782-2

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
Db 1 TTTT TTTT TTTT TTTT 19

RESULT 267  
US-09-227-782-3  
; Sequence 3, Application US/09227782  
; Patent No. 6403779  
; GENERAL INFORMATION:  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Fraser, Allister S  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Prakash, Thazha P  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: IS15315  
; CURRENT APPLICATION NUMBER: US/09/227,782  
; CURRENT FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 2'-methoxyethoxy  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence  
US-09-227-782-3

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT TTTT 4482

Db 1 |||||  
TTTT TTTT TTTT TTTT 19

RESULT 268  
US-09-227-782-4  
; Sequence 4, Application US/09227782  
; Patent No. 6403779  
; GENERAL INFORMATION:  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Fraser, Allister S  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Prakash, Thazha P  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: IS15315  
; CURRENT APPLICATION NUMBER: US/09/227,782  
; CURRENT FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (16)..(19)  
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence  
US-09-227-782-4

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
Db 1 TTTT TTTT TTTT TTTT 19

RESULT 269  
US-09-227-782-5  
; Sequence 5, Application US/09227782  
; Patent No. 6403779  
; GENERAL INFORMATION:  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Fraser, Allister S  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Prakash, Thazha P  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: IS15315  
; CURRENT APPLICATION NUMBER: US/09/227,782  
; CURRENT FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 5  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (16)..(19)  
; OTHER INFORMATION: 5- methyl- 2'-methoxyethoxy  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence  
US-09-227-782-5

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||

Db 1 TTTT TTTT TTTT TTTT 19

RESULT 270  
US-09-227-782-6  
; Sequence 6, Application US/09227782  
; Patent No. 6403779  
; GENERAL INFORMATION:  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Fraser, Allister S  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Prakash, Thazha P  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: ISIS3315  
; CURRENT APPLICATION NUMBER: US/09/227,782  
; CURRENT FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (16)..(19)  
; OTHER INFORMATION: 5-methyl-2'-O-propyl  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence  
US-09-227-782-6

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4482  
Db 1 TTTT TTTT TTTT TTTT 19

RESULT 271  
US-09-227-782-7  
; Sequence 7, Application US/09227782  
; Patent No. 6403779  
; GENERAL INFORMATION:  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Fraser, Allister S  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Prakash, Thazha P  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: ISIS3315  
; CURRENT APPLICATION NUMBER: US/09/227,782  
; CURRENT FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (18)..(19)  
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence  
US-09-227-782-7

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4482  
Db 1 TTTT TTTT TTTT TTTT 19

RESULT 272  
US-09-227-782-8  
; Sequence 8, Application US/09227782  
; Patent No. 6403779  
; GENERAL INFORMATION:  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Fraser, Allister S  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Prakash, Thazha P  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: ISIS3315  
; CURRENT APPLICATION NUMBER: US/09/227,782  
; CURRENT FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (18)..(19)  
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence  
US-09-227-782-8

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4482  
Db 1 TTTT TTTT TTTT TTTT 19

RESULT 273  
US-09-227-782-12  
; Sequence 12, Application US/09227782  
; Patent No. 6403779  
; GENERAL INFORMATION:  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Fraser, Allister S  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Prakash, Thazha P  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: ISIS3315  
; CURRENT APPLICATION NUMBER: US/09/227,782  
; CURRENT FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 12  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence  
US-09-227-782-12

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4482  
Db 1 TTTT TTTT TTTT TTTT 19





RESULT 282  
US-10-121-135-5  
; Sequence 5, Application US/10121135  
; Patent No. 6552178  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muchiah  
; APPLICANT: Cook, Phillip Dan  
; TITLE OF INVENTION: 2'-O-Aminoethyl-oxymethyl-Modified Oligonucleotides  
; FILE REFERENCE: ISIS-5036  
; CURRENT APPLICATION NUMBER: US/10/121,135  
; CURRENT FILING DATE: 2002-04-11  
; PRIOR APPLICATION NUMBER: 09/370,625  
; PRIOR FILING DATE: 1999-08-06  
; PRIOR APPLICATION NUMBER: 09/130,566  
; PRIOR FILING DATE: 1998-08-07  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
; NAME/KEY: misc\_feature  
; LOCATION: (16)..(19)  
; OTHER INFORMATION: 2'-modified T  
US-10-121-135-5

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 283  
US-10-121-135-5  
; Sequence 5, Application US/10121135  
; Patent No. 6673912  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muchiah  
; APPLICANT: Cook, Phillip Dan  
; TITLE OF INVENTION: 2'-O-Aminoethyl-oxymethyl-Modified Oligonucleotides  
; FILE REFERENCE: ISIS-5036  
; CURRENT APPLICATION NUMBER: US/10/121,135  
; CURRENT FILING DATE: 2002-04-11  
; PRIOR APPLICATION NUMBER: 09/370,625  
; PRIOR FILING DATE: 1999-08-06  
; PRIOR APPLICATION NUMBER: 09/130,566  
; PRIOR FILING DATE: 1998-08-07  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
; NAME/KEY: misc\_feature  
; LOCATION: (16)..(19)  
; OTHER INFORMATION: 2'-modified T  
US-10-121-135-5

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||

Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 284  
US-10-121-135-26  
; Sequence 26, Application US/10121135  
; Patent No. 6552178  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muchiah  
; APPLICANT: Cook, Phillip Dan  
; TITLE OF INVENTION: 2'-O-Aminoethyl-oxymethyl-Modified Oligonucleotides  
; FILE REFERENCE: ISIS-5036  
; CURRENT APPLICATION NUMBER: US/10/121,135  
; CURRENT FILING DATE: 2002-04-11  
; PRIOR APPLICATION NUMBER: 09/370,625  
; PRIOR FILING DATE: 1999-08-06  
; PRIOR APPLICATION NUMBER: 09/130,566  
; PRIOR FILING DATE: 1998-08-07  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 26  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
; NAME/KEY: misc\_feature  
; LOCATION: (16)..(19)  
; OTHER INFORMATION: 2'-O-(2-N,N-dimethylaminoethyl) oxymethyl]-5-methyl uridine (2'  
US-10-121-135-26

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 285  
US-09-142-212A-10  
; Sequence 10, Application US/09142212A  
; Patent No. 6562960  
; GENERAL INFORMATION:  
; APPLICANT: Baxter, Anthony David  
; APPLICANT: Collingwood, Stephen Paul  
; APPLICANT: Douglas, Mark Edward  
; APPLICANT: Taylor, Roger John  
; TITLE OF INVENTION: Oligonucleotide Analogues  
; FILE REFERENCE: ISIS4385  
; CURRENT APPLICATION NUMBER: US/09/142,212A  
; CURRENT FILING DATE: 1998-10-09  
; PRIOR APPLICATION NUMBER: 97/00499  
; PRIOR FILING DATE: 1997-02-24  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 10  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (16)..(18)  
; OTHER INFORMATION: Modified internucleoside linkage  
US-09-142-212A-10

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;

RESULT 290  
 US-09-409-926-18  
 : Sequence 18, Application US/09409926  
 : Patent No. 6617442  
 :  
 : GENERAL INFORMATION:  
 :  
 : APPLICANT: Crooke, Stanley T.  
 : APPLICANT: Lima, Walter F.  
 : APPLICANT: Wu, Hongliang  
 :  
 : TITLE OF INVENTION: Human Rnaase H1 and Oligonucleotide Compositions Thereof

```

FILE REFERENCE: 1S15A186
CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 18
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
OTHER INFORMATION: Oligonucleotide
OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence
US-09-409-926-18

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	94.7%;	Pred. No. 2.2e+02;		
Matches	18;	Conservative	1;	Mismatches 0;
				Indels 0;
				Gaps 0;

[illegible]

RESULT 291  
US-10-123-597-1  
: Sequence 1, Application US/10123597

```

GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
US-10-123-597-1

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2.2e+02;		
Matches 19;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

[illegible]

RESULT 292  
US-10-123-597-2  
: Sequence 2. Application US/10123597

```

1  GENERAL INFORMATION:
2  PAPER NO.:
3  APPLICANT: Cook, Phillip D
4  APPLICANT: Kawasaki, Andrew M
5  APPLICANT: Manoharan, Muthiah
6  APPLICANT: Prakash, Thazha P
7  APPLICANT: Fraser, Allister S
8  TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides

```

```

FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIORITY APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-2

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2.2e+02;		
Matches 19;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

Qy	4464		4482
D5	1		19

```

RESULT 293
US-10-123-597-3
; Sequence 3, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2.2e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0

Qy	4464		4482
Dd	1		19

RESULT 294  
US-10-123-567-4  
Sequence 4, Application US/10123597  
Patent No. 6524294  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Kawasaki, Andrew M  
APPLICANT: Manoharan, Nuthah



APPLICANT: Prakash, Thazha P  
APPLICANT: Fraser, Allister S  
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
FILE REFERENCE: ISIS5040  
CURRENT APPLICATION NUMBER: US/10/123,597  
CURRENT FILING DATE: 2002-07-10  
PRIORITY APPLICATION NUMBER: 09/227,782  
PRIOR FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 4  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
US-10-123-597-4

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 295  
US-10-123-597-5  
Sequence 5, Application US/10123597  
Patent No. 6624294  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Kawasaki, Andrew M  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Prakash, Thazha P  
APPLICANT: Fraser, Allister S  
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
FILE REFERENCE: ISIS5040  
CURRENT APPLICATION NUMBER: US/10/123,597  
CURRENT FILING DATE: 2002-07-10  
PRIORITY APPLICATION NUMBER: 09/227,782  
PRIOR FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy  
US-10-123-597-5

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 296  
US-10-123-597-6  
Sequence 6, Application US/10123597  
Patent No. 6624294  
GENERAL INFORMATION:

APPLICANT: Cook, Phillip D  
APPLICANT: Kawasaki, Andrew M  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Prakash, Thazha P  
APPLICANT: Fraser, Allister S  
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
FILE REFERENCE: ISIS5040  
CURRENT APPLICATION NUMBER: US/10/123,597  
CURRENT FILING DATE: 2002-07-10  
PRIORITY APPLICATION NUMBER: 09/227,782  
PRIOR FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 6  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 5-methyl-2'-O-propyl  
US-10-123-597-6

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 297  
US-10-123-597-7  
Sequence 7, Application US/10123597  
Patent No. 6624294  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Kawasaki, Andrew M  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Prakash, Thazha P  
APPLICANT: Fraser, Allister S  
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
FILE REFERENCE: ISIS5040  
CURRENT APPLICATION NUMBER: US/10/123,597  
CURRENT FILING DATE: 2002-07-10  
PRIORITY APPLICATION NUMBER: 09/227,782  
PRIOR FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 7  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
US-10-123-597-7

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 298  
US-10-123-597-8

```

Sequence 8 Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: IS15040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ. ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ. ID NO. 8
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc feature
LOCATION: (18)..(18)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8

```

Query Match	0.3%	Score 19	DB 1	Length 19
Best Local Similarity	100.0%	Pred. No.	2.2e+02	
Matches 19, Conservative	0	Mismatches	0	Indels 0, Gaps 0

Qy	4464	4482
Db	1	19

RESULT 299  
US-10-123-597-12  
; Sequence 12, Application US/10123597

```

GENERAL INFORMATION:
PATENT: AU: 2002594
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Reginald S
TITLE OR INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-12

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2.2e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	T T T T T T T T T T T T T T T T	44822
D0	1	T T T T T T T T T T T T T T T T	19

```

RESULT 300
US-10-123-597-14
; Sequence 14, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-14

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No.	2.2e+02;	
Matches 19; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0

[illegible]

```

RESULT 301
US-10-123-597-15
/ Sequence 15, Application US/10123597
/ Patent No. 6624294
/ GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: IS155040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-15

```

Query Match	0.3%	Score 19;	DB 1;	length 19;
Best Local Similarity	100.0%	Pred. No.	2.2e+02;	
Matches 19; Conservative	0;	Mismatches	0;	Indels 0;
				Gaps 0;

**QY**      **4464 TTTTTTTTTTTTTT 4482**

Db 1 |||||  
1 TTTT 19

RESULT 302  
US-10-123-597-25  
; Sequence 25, Application US/10123597  
; Patent No. 6624294  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Prakash, Thazha P  
; APPLICANT: Fraser, Allister S  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: ISIS5040  
; CURRENT APPLICATION NUMBER: US/10/123,597  
; CURRENT FILING DATE: 2002-07-10  
; PRIOR APPLICATION NUMBER: 09/1227,782  
; PRIOR FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 25  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
; NAME/KEY: misc feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 2'-methyleneiminoxyethoxy  
US-10-123-597-25

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT 4482  
1 TTTT 19

RESULT 303  
US-09-349-033A-1  
; Sequence 1, Application US/09349033A  
; Patent No. 6639061  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Maier, Martin  
; APPLICANT: An, Haoyun  
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphate Oligomers and Related Compound  
; FILE REFERENCE: ISIS-3312  
; CURRENT APPLICATION NUMBER: US/09/349,033A  
; CURRENT FILING DATE: 1999-07-07  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence  
US-09-349-033A-1

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT 4482  
1 TTTT 19

RESULT 304  
US-09-435-806-6  
; Sequence 6, Application US/09435806  
; Patent No. 6653458  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Guinoso, Charles J.  
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES  
; FILE REFERENCE: ISIS-4289  
; CURRENT APPLICATION NUMBER: US/09/435,806  
; CURRENT FILING DATE: 1999-11-08  
; PRIOR APPLICATION NUMBER: US 09/115,043  
; PRIOR FILING DATE: 1998-07-14  
; PRIOR APPLICATION NUMBER: US 08/602,862  
; PRIOR FILING DATE: 1996-02-28  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 6  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-09-435-806-6

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT 4482  
1 TTTT 19

RESULT 305  
US-08-482-918-32  
; Sequence 32, Application US/08482918  
; Patent No. 6207417  
; GENERAL INFORMATION:  
; APPLICANT: Zsebo, Krisztina M.  
; APPLICANT: Bosseleman, Robert A.  
; APPLICANT: Suggs, Sidney V.  
; APPLICANT: Martin, Francis H.  
; TITLE OF INVENTION: Stem Cell Factor  
; NUMBER OF SEQUENCES: 104  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: United States of America  
; ZIP: 60606-6402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/482,918  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Clough, David W.  
; REGISTRATION NUMBER: 36,107  
; TELEPHONE/DOCKET NUMBER: 01017/33005  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312/474-6300  
; TELEFAX: 312/474-0448  
; TELEX: 25-3856  
; INFORMATION FOR SEQ ID NO: 32:  
; . SEQUENCE CHARACTERISTICS:





Query Match	0.3%	Score 19	DB 1	Length 21
Best Local Similarity	100.0%	Pred. No.	2.8e+03	
Matches 19	Conservative 0	Mismatches 0	Indels 0	Gaps 0
QY	4464	TTTTTTTTTTTTTTTTTTTT	4482	
DB	3	TTTTTTTTTTTTTTTTTTTT	21	

```

RESULT 311
PCT-US94-05407-7/c
; Sequence 7, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05407
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/061,694
; FILING DATE: 13-MAY-1993
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
;
PCT-US94-05407-7

Query Match 0.3%; Score 19; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 3,4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4466 TTTT TTTT TTTT TTTT TTTG 4484
|||||
Db 23 TTTT TTTT TTTT TTTT TTTG 5

RESULT 312
PCT-US94-05407-8
; Sequence 8, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05407

```

```

: PRIOR APPLICATION DATA: 08/061,694
: APPLICATION NUMBER: 08/061,694
: FILING DATE: 13-MAY-1993
: INFORMATION FOR SEQ ID NO: 8:
: SEQUENCE CHARACTERISTICS:
:   LENGTH: 23 base pairs
:   TYPE: nucleic acid
:   STRANDEDNESS: single
:   TOPOLOGY: linear
:   MOLECULE TYPE: oligonucleotide
: PCT-US94-05407-8

Query Match          0.3%; Score 19; DB 1; Length 23;
Best Local Similarity 5.3%; Pred. No. 3.4e+02;
Matches 1; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

Oy      4466 TTTTTTTTTTTTTTTTGG 4484
          ::::::::::::::::::::|
Db      1 UUUUUUUUUUUUUUUUUUG 19

```

```

RESULT 313
US-08-622-354-8
: Sequence 8, Application US/08622354
: Patent No. 5827518
: GENERAL INFORMATION:
: APPLICANT: WEBB, Bruce A.
: APPLICANT: CUI, Liwang
: TITLE OF INVENTION: VIRAL AND INSECT GENES THAT INHIBIT THE
: TITLE OF INVENTION: IMMUNE SYSTEM AND METHODS OF USE THEREOF
: NUMBER OF SEQUENCES: 8
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: LOWE, PRICE, LEBLANC & BECKER
: STREET: 99 Canal Center Plaza, Suite 300
: CITY: Alexandria
: STATE: VA
: COUNTRY: US
: ZIP: 22314
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/622,354
: FILING DATE: 27-MAR-1996
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Price, Robert L.
: REGISTRATION NUMBER: 22,685
: REFERENCE/DOCKET NUMBER: 434-061
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (703) 684-1111
: TELEFAX: (703) 684-1124
: INFORMATION FOR SEQ ID NO: 8:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 26 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: other nucleic acid
: DESCRIPTION: /desc = "PRIMER"
: HYPOTHETICAL: NO
:
: US-08-622-354-8
:
: Query Match 0.3%; Score 19; DB 1; Length 26;
: Best Local Similarity 100.0%; Pred. No. 4,4e+02;
: Matches 19; Conservative 0; Mismatches 0; Indels 0;
:
: 4462 ACCTTTTCTTTTCTTTT 4480
: |||||
: 8 ACTTTTCTTTTCTTTT 26

```

RESULT 314  
US-08-762-106-11/C  
; Sequence 11, Application US/08762106  
; Patent No. 5948677  
; GENERAL INFORMATION:  
; APPLICANT: Jarvik, Jonathan W.  
; TITLE OF INVENTION: READING FRAME INDEPENDENT EPITOPE  
; NUMBER OF SEQUENCES: 47  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Harris Brotman  
; STREET: 202 Coast Blvd., Suite 111  
; CITY: La Jolla  
; STATE: California  
; COUNTRY: US  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/762,106  
; FILING DATE: 09-DEC-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brotman, Harris F.  
; REGISTRATION NUMBER: 35,461  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 654-2428  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; US-08-762-106-11

Query Match 0.3%; Score 19; DB 1; Length 28;  
Best Local Similarity 81.5%; Pred. No. 5.1e+02;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5788 CTGCTGCTGCTGCTGCTGCTGCTG 5814  
Db 28 CTGCTGCTGCTGCTGCTGCTGCTGCTG 2

RESULT 315  
US-09-320-774-11/C  
; Sequence 11, Application US/09320774  
; Patent No. 6265545  
; GENERAL INFORMATION:  
; APPLICANT: Jarvik, Jonathan W.  
; TITLE OF INVENTION: READING FRAME INDEPENDENT EPITOPE  
; NUMBER OF SEQUENCES: 47  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Harris Brotman  
; STREET: 202 Coast Blvd., Suite 111  
; CITY: La Jolla  
; STATE: California  
; COUNTRY: US  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/320,774  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/762,106  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brotman, Harris F.  
; REGISTRATION NUMBER: 35,461  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 654-2428  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; US-09-320-774-11

Query Match 0.3%; Score 19; DB 1; Length 28;  
Best Local Similarity 81.5%; Pred. No. 5.1e+02;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5788 CTGCTGCTGCTGCTGCTGCTGCTG 5814  
Db 28 CTGCTGCTGCTGCTGCTGCTGCTGCTG 2

RESULT 316  
US-09-304-232-464/C  
; Sequence 464, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Pan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; TITLE OF INVENTION: Hypertension  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; EARLIER FILING DATE: 1999-05-03  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 464  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: CGREX1 125  
; US-09-304-232-464

Query Match 0.3%; Score 19; DB 1; Length 29;  
Best Local Similarity 90.5%; Pred. No. 5.5e+02;  
Matches 19; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAG 7433  
Db 21 CAGCAGCAGCAGCAGCAGCAGCAG 1

RESULT 317  
US-08-018-129-15  
; Sequence 15, Application US/08018129  
; Patent No. 5589375  
; GENERAL INFORMATION:  
; APPLICANT: Ulrich, Axel

```

APPLICANT: Vogel, Wolfgang
TITLE OF INVENTION: PTP ID: A NOVEL PROTEIN TYROSINE
TITLE OF INVENTION: PHOSPHATASE
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/018, 129
FILING DATE: 19930216
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7683-017
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-018-129-15

Query Match 0.3%; Score 18.8; DB 1; Length 23;
Best Local Similarity 90.9%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4459 TGGACCTTTTTTTTTTTTTTTT 4480
      ||| ||||| ||||| ||||| |||||
Db 2 TCGAGCTTTTTTTTTTTTTTTT 23

RESULT 318
US-08-448-250-15
: Sequence 15, Application US/08448250
: Patent No. 5981251
: GENERAL INFORMATION:
: APPLICANT: Ulrich, Axel
: APPLICANT: Vogel, Wolfgang
: TITLE OF INVENTION: PTP ID: A NOVEL PROTEIN TYROSINE
: TITLE OF INVENTION: PHOSPHATASE
: NUMBER OF SEQUENCES: 19
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: PENNIE & EDMONDS
: STREET: 1155 Avenue of Americas
: CITY: New York
: STATE: New York
: COUNTRY: U.S.A.
: ZIP: 10036
: COMPUTER READABLE FORM:
: MEDIUM TYPE: floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/448,250
: FILING DATE: 23-MAY-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:

```

```

APPLICATION NUMBER: US 08/018,129
FILING DATE: 16-FEB-1993
ATTORNEY/AGENT INFORMATION:
  NAME: Mistrock, S. Leslie
  REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7683-017
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (212) 790-9090
  TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
  LENGTH: 23 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: unknown
  TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-448-250-15

Query Match      0.3%; Score 18.8; DB 1; Length 23;
Best Local Similarity 90.9%; Pred. No. 3,7e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4459 TGCACCTTTTCTTTTCTTTT 4480
          ||| ||||| ||||| |||||
Db      2 TCGAGTTTCTTTTCTTTTCTTTT 23

RESULT 319
US-09-282-257-15
; Sequence 15, Application US/09282257
; Patent No. 6548641
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Vogel, Wolfgang
; TITLE OF INVENTION: PTP ID: A NOVEL PROTEIN TYROSINE
; TITLE OF INVENTION: PHOSPHATASE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/282,257
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/018,129
; FILING DATE: 16-FEB-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 7683-017
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-05-282-257-15

```



Query Match 0.3%; Score 18.8; DB 1; Length 23;  
Best Local Similarity 90.9%; Pred. No. 3.7e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4459 TGGACCTTTTCTTTTCTTTT 4480  
Db 2 TCGACTTTTCTTTTCTTTT 23

RESULT 320  
US-08-115-497-1/c

Sequence 1, Application US/08115497  
Patent No. 5514546  
GENERAL INFORMATION:  
APPLICANT: KOOL, Eric T.  
TITLE OF INVENTION: STEM-LOOP OLIGONUCLEOTIDES CONTAINING  
TITLE OF INVENTION: PARALLEL AND ANTIPARALLEL BINDING DOMAINS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Scully, Scott, Murphy & Presser  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/115,497  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Digiglio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 8771  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-115-497-1

Query Match 0.3%; Score 18.8; DB 1; Length 25;  
Best Local Similarity 90.9%; Pred. No. 4.4e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4017 GAGAAAAAGAGAGAAACAA 4038  
Db 24 GAAAAAAGAGAGAAAAA 3

RESULT 321  
US-08-466-670-1/c

Sequence 1, Application US/08466670  
Patent No. 5808036  
GENERAL INFORMATION:  
APPLICANT: KOOL, Eric T.  
TITLE OF INVENTION: STEM-LOOP OLIGONUCLEOTIDES CONTAINING  
TITLE OF INVENTION: PARALLEL AND ANTIPARALLEL BINDING DOMAINS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Scully, Scott, Murphy & Presser  
STREET: 400 Garden City Plaza

CITY: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,670  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/115,497  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Digiglio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 8771  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-466-670-1

Query Match 0.3%; Score 18.8; DB 1; Length 25;  
Best Local Similarity 90.9%; Pred. No. 4.4e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4017 GAGAAAAAGAGAGAAACAA 4038  
Db 24 GAAAAAAGAGAGAAAAA 3

RESULT 322  
US-08-014-943A-21

Sequence 21, Application US/08014943A  
Patent No. 5545551  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
TITLE OF INVENTION: Bergmann, Andrew D.  
TITLE OF INVENTION: Cloning And Expression Of PUR Protein  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/014,943A  
FILING DATE: 02/FEB/1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-033  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212 790-9090

TELEFAX: 212 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
US-08-014-943A-21

Query Match 0.3%; Score 18.8; DB 1; Length 26;  
Best Local Similarity 90.9%; Pred. No. 4.8e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGCAGTTTTTTTTTTTTTTT 4480  
DB 5 TGCAGTTTTTTTTTTTTTTT 26

RESULT 323  
US-08-486-421-15  
Sequence 15, Application US/08486421  
Patent No. 5672479  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
APPLICANT: Bergemann, Andrew D.  
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/486,421  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/470,911  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-486-421-15

Query Match 0.3%; Score 18.8; DB 1; Length 26;  
Best Local Similarity 90.9%; Pred. No. 4.8e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGCAGTTTTTTTTTTTTTTT 4480  
DB 5 TGCAGTTTTTTTTTTTTTTT 26

RESULT 324  
US-08-470-911-15  
Sequence 15, Application US/08470911  
Patent No. 5756684  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
APPLICANT: Bergemann, Andrew D.  
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/470,911  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-470-911-15

Query Match 0.3%; Score 18.8; DB 1; Length 26;  
Best Local Similarity 90.9%; Pred. No. 4.8e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGCAGTTTTTTTTTTTTTTT 4480  
DB 5 TGCAGTTTTTTTTTTTTTTT 26

RESULT 325  
US-08-486-809-15  
Sequence 15, Application US/08486809  
Patent No. 5869622  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
APPLICANT: Bergemann, Andrew D.  
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30

```

;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,809
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELETYPE: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-486-809-15

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 4.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGCACTTTT 4480
DB 5 TGCACTTTT 26

RESULT 326
US-08-978-321-1
; Sequence 1, Application US/08978321
; Patent No. 6162437
; GENERAL INFORMATION:
; APPLICANT: PYUN, Kwang-Ho
; APPLICANT: CHOI, Inpyo
; APPLICANT: KANG, Hyung-Sik
; APPLICANT: LEE, Jung-Joon
; APPLICANT: KIM, Young-Ho
; TITLE OF INVENTION: METHOD FOR INHIBITING INTERLEUKIN-6
; TITLE OF INVENTION: PRODUCTION BY ADMINISTERING EXTRACTS
; TITLE OF INVENTION: FROM ROOT OF STEPHANIA TETRANDRA
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PYUN, Kwang-Ho
; STREET: Woosung Apt. 5-406, Dogok-dong, Kangnam-ku
; CITY: Seoul
; STATE: Seoul
; COUNTRY: Republic of Korea
; ZIP: 135-270
; ADDRESSEE: CHOI, Inpyo
; STREET: Dasol Apt. 103-204, Kung-dong, Yuseong-ku
; CITY: Taejeon
; STATE: Taejeon
; COUNTRY: Republic of Korea
; ZIP: 305-335
; ADDRESSEE: KANG, Hyung-Sik
; STREET: Jonwon Apt. 102-1401, Weolpyung-dong, Seo-ku
; CITY: Taejeon
; STATE: Taejeon
; COUNTRY: Republic of Korea
; ZIP: 302-280
; ADDRESSEE: LEE, Jung-Joon
; STREET: Hanbit Apt. 132-201, Eoeun-dong, Yuseong-ku
; CITY: Taejeon
; STATE: Taejeon
; COUNTRY: Republic of Korea
; ZIP: 305-333
; ADDRESSEE: KIM, Young-Ho
```

```

;
; STREET: Hanbit Apt. 125-1504, Eoeun-dong, Yuseong-ku
; CITY: Taejeon
; STATE: Taejeon
; COUNTRY: Republic of Korea
; ZIP: 305-333
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
; COMPUTER: IBM PC/AT
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/978,321
; FILING DATE: 25-NOV-1997
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: KR 94-12962
; FILING DATE: 09-JUN-1994
; APPLICATION NUMBER: US98 08/750,462
; FILING DATE: 06-DEC-1996
; APPLICATION NUMBER: PCT/KR95/00073
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME:
; REGISTRATION NUMBER:
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE:
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-978-321-1

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 4.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4460 GGACCTTTT 4481
DB 5 GGACCTTTT 26

RESULT 327
US-08-584-040-6313
; Sequence 6313, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Boscobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
```

OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 6313:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 27 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
OTHER INFORMATION: The letter "N" represents the stem II region  
OTHER INFORMATION: of an HH ribozyme.  
US-08-584-040-6313

Query Match 0.2%; Score 18.6; DB 1; Length 27;  
Best Local Similarity 53.8%; Pred. No. 5.6e+02;  
Matches 14; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

QY 5813 TGCCTATGATGATGAAACTCTGCG 5838  
DB 2 UGCCUGUGAGUAGAAUCCUCC 27

RESULT 328  
US-08-858-767-14  
Sequence 14, Application US/08858767  
Patent No. 5837468  
GENERAL INFORMATION:  
APPLICANT: WANG, Xun  
APPLICANT: DUVICK, Jonathan P.  
APPLICANT: BRIGGS, Steven P.  
TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING  
TITLE OF INVENTION: METHOD  
NUMBER OF SEQUENCES: 39  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
COMPUTER TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/858,767  
FILING DATE: 19-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/481,687  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 33229/325/PIHI  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 672-5300

TELEFAX: (202) 672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 28 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-858-767-14

Query Match 0.2%; Score 18.6; DB 1; Length 28;  
Best Local Similarity 84.0%; Pred. No. 6e+02;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4460 GGACTTTTCTTTTCTTTTCTTTTGG 4484  
DB 4 GGATCGTCTTTTCTTTTCTTTTGG 28

RESULT 329  
US-08-863-028-14  
Sequence 14, Application US/08863028  
Patent No. 5853991  
GENERAL INFORMATION:

APPLICANT: WANG, Xun  
APPLICANT: DUVICK, Jonathan P.  
APPLICANT: BRIGGS, Steven P.  
TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING  
TITLE OF INVENTION: METHOD  
NUMBER OF SEQUENCES: 39  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
COMPUTER TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/863,028  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/858,767  
FILING DATE: 19-MAY-1997  
APPLICATION NUMBER: US 08/481,687  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 33229/325/PIHI  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 672-5300  
TELEFAX: (202) 672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 28 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-863-028-14

Query Match 0.2%; Score 18.6; DB 1; Length 28;  
Best Local Similarity 84.0%; Pred. No. 6e+02;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4460 GGACTTTTCTTTTCTTTTCTTTTGG 4484  
DB 4 GGATCGTCTTTTCTTTTCTTTTGG 28

DB 4 GGATCGTTTTTTTTTTTTTTT 28

RESULT 330

US-08-482-918-33

; Sequence 33, Application US/08482918

; Patent No. 6207417

; GENERAL INFORMATION:

; APPLICANT: Zeebo, Kristina M.

; APPLICANT: Bosseiman, Robert A.

; APPLICANT: Sugs9, Sidney V.

; APPLICANT: Martin, Francis H.

; TITLE OF INVENTION: Stem Cell Factor

; NUMBER OF SEQUENCES: 104

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: United States of America

; ZIP: 60606-6402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/482,918

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 424

; ATTORNEY/AGENT INFORMATION:

; NAME: Clough, David W.

; REGISTRATION NUMBER: 36,107

; REFERENCE/DOCKET NUMBER: 01017/33005

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 312/474-6300

; TELEFAX: 312/474-0448

; TELEX: 25-3856

; INFORMATION FOR SEQ ID NO: 33:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-08-482-918-33

Query Match 0.2%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 3.2e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4465 TTTTTTTTTTTTTTTTGG 4484

DB 1 TTTTTTTTTTTTTTTTGG 20

RESULT 331

US-08-482-918-34

; Sequence 34, Application US/08482918

; Patent No. 6207417

; GENERAL INFORMATION:

; APPLICANT: Zeebo, Kristina M.

; APPLICANT: Bosseiman, Robert A.

; APPLICANT: Sugs9, Sidney V.

; APPLICANT: Martin, Francis H.

; TITLE OF INVENTION: Stem Cell Factor

; NUMBER OF SEQUENCES: 104

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: United States of America

ZIP: 60606-6402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/482,918

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 424

; ATTORNEY/AGENT INFORMATION:

; NAME: Clough, David W.

; REGISTRATION NUMBER: 36,107

; REFERENCE/DOCKET NUMBER: 01017/33005

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 312/474-6300

; TELEFAX: 312/474-0448

; TELEX: 25-3856

; INFORMATION FOR SEQ ID NO: 34:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-08-482-918-34

Query Match 0.2%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 3.2e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4465 TTTTTTTTTTTTTTTTGG 4484

DB 1 TTTTTTTTTTTTTTTTGG 20

RESULT 332

US-09-224-681-33

; Sequence 33, Application US/09224681

; Patent No. 6207454

; GENERAL INFORMATION:

; APPLICANT: Zeebo, Kristina M.

; APPLICANT: Bosseiman, Robert A.

; APPLICANT: Sugs9, Sidney V.

; APPLICANT: Martin, Francis H.

; TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene

; NUMBER OF SEQUENCES: 104

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: United States of America

; ZIP: 60606-6402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/224,681

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/005,893

; FILING DATE: 12-JAN-1998

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/449,653

; FILING DATE: 24-MAY-1995

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

```

1      APPLICATION NUMBER: 07/982,255
2      FILING DATE: 25-NOV-1992
3      PRIOR APPLICATION DATA:
4      APPLICATION NUMBER: 07/589,701
5      FILING DATE: 01-OCT-1990
6      PRIOR APPLICATION DATA:
7      APPLICATION NUMBER: 07/573,616
8      FILING DATE: 24-AUG-1990
9      PRIOR APPLICATION DATA:
10     APPLICATION NUMBER: 07/537,198
11     FILING DATE: 11-JUN-1990
12     PRIOR APPLICATION DATA:
13     APPLICATION NUMBER: 07/422,383
14     FILING DATE: 16-OCT-1989
15     ATTORNEY/AGENT INFORMATION:
16     NAME: Clough, David W.
17     REGISTRATION NUMBER: 36,107
18     REFERENCE/DOCKET NUMBER: 01017/35199
19     TELECOMMUNICATION INFORMATION:
20     TELEPHONE: 312/474-6300
21     TELEFAX: 312/474-0448
22     TELEX:
23     INFORMATION FOR SEQ ID NO: 33:
24     SEQUENCE CHARACTERISTICS:
25     LENGTH: 20 base pairs
26     TYPE: nucleic acid
27     STRANDEDNESS: single
28     TOPOLOGY: linear
29     MOLECULE TYPE: DNA
30     OS-09-224-681-33

```

		0.2%;	Score	18.4;	DB	1;	Length	20;			
		Best Local Similarity	95.0%;	Pred.	No.	3+02;					
		Matches	19;	Conservative	0;	Mismatches	1;	Indels	0;	Gaps	0;
OY	4465	T T T T T T T T T T T T T T T G	4484								
Dd	1	T T T T T T T T T T T T T T T A G	20								

RESULT 333  
 US-09-224-681-34  
 Sequence 34, Application US/09224681  
 Patent No. 6207454  
 GENERAL INFORMATION:  
 APPLICANT: Zeebo, Kristina M.  
 APPLICANT: Bosselman, Robert A.  
 APPLICANT: Suggs, Sidney V.  
 APPLICANT: Martin, Francis H.  
 TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene  
 TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide  
 NUMBER OF SEQUENCES: 104  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borum  
 STREET: 6300 Sears Tower, 233 South Wacker Drive  
 CITY: Chicago  
 STATE: Illinois  
 COUNTRY: United States of America  
 ZIP: 60606-6402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/224,681  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/005,893  
 FILING DATE: 12-JAN-1998  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:

```

? APPLICATION NUMBER: 08/449,653
? FILING DATE: 24-MAY-1995
?
? CLASSIFICATION:
?
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 07/982,255
? FILING DATE: 25-NOV-1992
?
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 07/589,701
? FILING DATE: 01-OCT-1990
?
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 07/573,616
? FILING DATE: 24-AUG-1990
?
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 07/537,198
? FILING DATE: 11-JUN-1990
?
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 07/422,383
? FILING DATE: 16-OCT-1989
?
? ATTORNEY/AGENT INFORMATION:
? NAME: Clough, David W.
? REGISTRATION NUMBER: 36,107
? REFERENCE/DOCKET NUMBER: 01017/35199
?
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 312/474-6300
? TELEFAX: 312/474-0448
?
? TEXT:
?
? INFORMATION FOR SEQ ID NO: 34:
?
? SEQUENCE CHARACTERISTICS:
? LENGTH: 20 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
?
? MOLECULE TYPE: DNA
?
? OS-05-224-681-34

```

Query Match	0.2%	Score	18.4	DB 1	Length	20			
Best Local Similarity	95.0%	Pred. No.	3.2e+02						
Matches	19	Conservative	0	Mismatches	1	Indels	0	Gaps	0

```

0Y      4465  TTTTTTTTTTTTTTTTTTGG 4484
Db      1      TTTTTTTTTTTTTTTTCG 20

RESULT 334
US-08-336-728A-33
; Sequence 33, Application US/08336728A
; Patent No. 6207802
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/336,728A
; FILING DATE: 09-NOV-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255

```

```

1      FILING DATE: 25-NOV-1992
2      PRIOR APPLICATION DATA:
3      APPLICATION NUMBER: 07/589,701
4      FILING DATE: 01-OCT-1990
5      PRIOR APPLICATION DATA:
6      APPLICATION NUMBER: 07/573,616
7      FILING DATE: 24-AUG-1990
8      PRIOR APPLICATION DATA:
9      APPLICATION NUMBER: 07/537,198
10     FILING DATE: 11-JUN-1990
11     PRIOR APPLICATION DATA:
12     APPLICATION NUMBER: 07/422,383
13     FILING DATE: 16-OCT-1989
14     ATTORNEY/AGENT INFORMATION:
15     NAME: Clough, David W.
16     REGISTRATION NUMBER: 36,107
17     REFERENCE/DOCKET NUMBER: 01017/32956
18     TELECOMMUNICATION INFORMATION:
19     TELEPHONE: 312/474-6300
20     TELEFAX: 312/474-0448
21     TELETYPE: 25-3856
22     INFORMATION FOR SEQ ID NO: 33:
23     SEQUENCE CHARACTERISTICS:
24     LENGTH: 20 base pairs
25     TYPE: nucleic acid
26     STRANDEDNESS: single
27     TOPOLOGY: linear
28     MOLECULE TYPE: DNA
29     US-08-336-728A-33

```

```

Query Match Similarity      0.2%: Score 18.4; DB 1; Length 20;
Best Local Similarity      95.0%: Pred. No. 3.2e+02;
Matches 19; Conservative   0; Mismatches 1; Indels 0; Gaps 0.

QY          4465 TTTT TTTTTTTTTTTTTTTTG 4484
              ||||| |
Db           1 TTTT TTTTTTTTTTTTTTTTAG 20

RESULT 335
US-08-336-728A-34
Sequence 34, Application US/08336728A
Patent No. 6207802
GENERAL INFORMATION:
APPLICANT: Zsebo, Kristina M.
APPLICANT: Bosseiman, Robert A.
APPLICANT: Suga, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A
FILING DATE: 09-NOV-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:

```

```

1      APPLICATION NUMBER: 07/573, 616
2      FILING DATE: 24-AUG-1990
3      PRIOR APPLICATION DATA:
4      APPLICATION NUMBER: 07/537, 198
5      FILING DATE: 11-JUN-1990
6      PRIOR APPLICATION DATA:
7      APPLICATION NUMBER: 07/422, 383
8      FILING DATE: 16-OCT-1989
9      ATTORNEY/AGENT INFORMATION:
10     NAME: Clough, David W.
11     REGISTRATION NUMBER: 36,107
12     REFERENCE/DOCKET NUMBER: 01017/32956
13     TELECOMMUNICATION INFORMATION:
14     TELEPHONE: 312/474-6300
15     TELEFAX: 312/474-0448
16     TELEX: 25-3856
17     INFORMATION FOR SEQ ID NO: 34:
18     SEQUENCE CHARACTERISTICS:
19     LENGTH: 20 base pairs
20     TYPE: nucleic acid
21     STRANDEDNESS: single
22     TOPOLOGY: linear
23     MOLECULE TYPE: DNA
24     US-06-336-728A-34

```

Query Match	9.2%	Score 18.4	DB 1	Length 20
Best Local Similarity	0.0%	Pred. No. 3.2e+02		
Matches 19, Conservative	0	Mismatches 1	Indels 0	Gaps 0
Qy	4465	TTTTTTTTTTTTTTTTTTGG	4484	
Db	1	TTTTTTTTTTTTTTTTTTGG	20	

```

Oy          44465 TTTTTTTTTTTTTTTTGG 4484
                ||||| |
Db           1 TTTTTTTTTTTTTTTTCG 20

RESULT 336
US-08-108-591B-4/c
; Sequence 4, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egnohlt, Michael
; APPLICANT: Nielsen, Peter Bigll
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISI50540
; CURRENT APPLICATION NUMBER: US/08/108,591B
; CURRENT FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6395474el Sequence
US-08-108-591B-4
```

```

Query March          0.23; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 3.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      4463 CTTTTTTTTTTTTTTTTTTT 4482
          ||||| ||||| ||||| |||||
Db      20 CTTTTTTTTTTTTTTT 1

RESULT 337
US-09-588-950A-5
; Sequence 5, Application US/09588950A
; Patent No. 6399305
; GENERAL INFORMATION:
; APPLICANT: Makino, Yoshihiko
; APPLICANT: Ade, Yoshihiko

```

```

1  APPLICANT: Ogawa, Masashi
2  APPLICANT: Takagi, Makoto
3  APPLICANT: Takenaka, Shigeori
4  APPLICANT: Yamashita, Kenichi
5  TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using 2
6  TITLE OF INVENTION: Electroconductive Chip and Intercalator
7  FILE REFERENCE: JG-XY-4980/500569,20039
8  CURRENT APPLICATION NUMBER: US/09/588, 950A
9  PRIOR FILING DATE: 2000-06-07
10 PRIOR APPLICATION NUMBER: Japan 11-159339
11 NUMBER OF SEQ ID NOS: 9
12 SOFTWARE: PatentIn version 3.1.1
13 SEQ ID NO 5
14 LENGTH: 20
15 TYPE: DNA
16 ORGANISM: Artificial Sequence
17 FEATURE:
18 OTHER INFORMATION: Synthesized
19 US-09-588-950A-5

```

Query Match	0.2%	Score 18.4;	DB 1;	Length 20;
Best Local Similarity	95.0%;	Pred. No. 3.2e+02;		
Matches 19;	Conservative	0;	Mismatches 1;	Indels

QY 4464 TTTTTTTTTTTTTTTTTTTTTT 4483  
 ||||| |||||  
 Db 1 TTTTTTTTTTTATTTTTTTTTT 20

```

RESULT 338
US-09-475-947A-119
Sequence 119, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: US0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 119
LENGTH: 21
TYPE: DNA
ORGANISM: human
US-09-475-947A-119

```

Query Match	0.2%	Score 18.4;	DB 1;	Length 21;
Best Local Similarity	95.0%	Pred. No. 3.6e+02;		
Matches 19;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

	4464	TTTTTTTTTTTTTTTTTTT	4483
OY			
	1	TTTTTTTTTTTTTA	TTTTTTTTT
Db			20

```

RESULT 339-449A-1
US-08-123-449A-1
; Sequence 1, Application US/08123449A
; Patent No. 5583032
;
; GENERAL INFORMATION:
;
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
;
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
;
; TITLE OF INVENTION: OF RNA
;
; NUMBER OF SEQUENCES: 22
;
; CORRESPONDENCE ADDRESS:
;
; ADDRESSEE: Knobbe, Martens, Olson and Bear

```

```

1STREET: 620 Newport Center Drive
2CITY: Newport Beach
3STATE: CA
4COUNTRY: USA
5ZIP: 92660
6COMPUTER READABLE FORM:
7MEDIUM TYPE: Diskette
8COMPUTER: IBM Compatible
9OPERATING SYSTEM: DOS version
10SOFTWARE: Pastesq Version 1.0
11CURRENT APPLICATION DATA:
12APPLICATION NUMBER: US/08/123,449A
13FLING DATE:
14PRIOR APPLICATION DATA:
15APPLICATION NUMBER: PCT/US93/10103
16FLING DATE: 10-OCT-1993
17ATTORNEY/AGENT INFORMATION:
18NAME: Fedrick, Michael P.
19REGISTRATION NUMBER: 36,799
20REFERENCE/DOCKET NUMBER: NIH034.0010PC
21TELECOMMUNICATION INFORMATION:
22TELEPHONE: 714-760-0404
23TELEFAX: 714-760-9502
24INFORMATION FOR SEQ. ID NO: 1:
25SEQUENCE CHARACTERISTICS:
26LENGTH: 22 base pairs
27TYPE: nucleic acid
28STRANDEDNESS: single
29TOPOLOGY: linear
30MOLECULE TYPE: cDNA
31HYPOTHETICAL: NO
32ANTI-SENSE: NO
33FRAGMENT TYPE:
34ORIGINAL SOURCE:
35US-08-123-449A-1

```

Query Match	0.2%	Score 18.4;	DB 1;	Length 22;
Best Local Similarity	95.0%	Pred. No. 4e+02;		
Matches 19;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

```
QY      4462 ACTTTTTTTTTTTTTTTTTT 4481
          |||||
Db      3 AATTTTTTTTTTTTTTTTTT 22
```

```

1      RESULT 340
2      US-08-123-449A-2
3      Sequence 2, Application US/08123449A
4      Patent No. 5583032
5      GENERAL INFORMATION:
6      APPLICANT: TORRENCE, PAUL
7      APPLICANT: ROBERT, SILVERMAN
8      APPLICANT: RATNA, MAITA
9      APPLICANT: KRISTYNA, LESIAK
10     TITLE OF INVENTION: METHOD OF CLEAVING SPECI
11     TITLE OF INVENTION: OF RNA
12     NUMBER OF SEQUENCES: 22
13     CORRESPONDENCE ADDRESS:
14     ADDRESS: Knobbe, Martens, Olson and Bear
15     STREET: 620 Newport Center Drive
16     CITY: Newport Beach
17     STATE: CA
18     COUNTRY: USA
19     ZIP: 92660
20     COMPUTER READABLE FORM:
21     MEDIUM TYPE: Diskette
22     COMPUTER: IBM Compatible
23     OPERATING SYSTEM: DOS version
24     SOFTWARE: FastSeq Version 1.0
25     CURRENT APPLICATION DATA:
26     APPLICATION NUMBER: US/08/123,449A
27     FILING DATE:
28     PRIOR APPLICATION DATA:

```



APPLICATION NUMBER: PCT/US93/10103  
FILING DATE: 10-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fedrick, Michael F.  
REGISTRATION NUMBER: 36,799  
REFERENCE/DOCKET NUMBER: NIH034.001QPC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
US-08-123-449A-2

Query Match 0.2%; Score 18.4; DB 1; Length 22;  
Best Local Similarity 95.0%; Pred. No. 4e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTTCTTTT 4481  
| | | | | | | | | | | | | | | | | | | | | |  
Db 3 AATTTTCTTTTCTTTTCTTTT 22

RESULT 341  
US-08-458-050-1  
Sequence 1, Application US/08458050  
Patent No. 5677289  
GENERAL INFORMATION:  
APPLICANT: TORENC, PAUL  
APPLICANT: ROBERT, SILVERMAN  
APPLICANT: RATAN, MAITRA  
APPLICANT: KRISTYNA, LESIAK  
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson and Bear  
STREET: 620 Newport Center Drive  
CITY: Newport Beach  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS version  
SOFTWARE: FastSeq Version 1.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/458,050  
FILING DATE: 01-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/123,449  
FILING DATE: 17-SEP-1993  
APPLICATION NUMBER: PCT/US93/10103  
FILING DATE: 10-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fedrick, Michael F.  
REGISTRATION NUMBER: 36,799  
REFERENCE/DOCKET NUMBER: NIH034.001QPC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
US-08-458-050-1

Query Match 0.2%; Score 18.4; DB 1; Length 22;  
Best Local Similarity 95.0%; Pred. No. 4e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTTCTTTT 4481  
| | | | | | | | | | | | | | | | | | | | | |  
Db 3 AATTTTCTTTTCTTTTCTTTT 22

RESULT 342  
US-08-458-050-2  
Sequence 2, Application US/08458050  
Patent No. 5677289  
GENERAL INFORMATION:  
APPLICANT: TORENC, PAUL  
APPLICANT: ROBERT, SILVERMAN  
APPLICANT: RATAN, MAITRA  
APPLICANT: KRISTYNA, LESIAK  
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson and Bear  
STREET: 620 Newport Center Drive  
CITY: Newport Beach  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS version  
SOFTWARE: FastSeq Version 1.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/458,050  
FILING DATE: 01-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/123,449  
FILING DATE: 17-SEP-1993  
APPLICATION NUMBER: PCT/US93/10103  
FILING DATE: 10-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fedrick, Michael F.  
REGISTRATION NUMBER: 36,799  
REFERENCE/DOCKET NUMBER: NIH034.001QPC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
US-08-458-050-2

Query Match	0.2%	Score 18.4	DB 1	Length 22
Best Local Similarity	95.0%	Pred. No. 4e+02	1	Indels 0
Matches 1%	Conservative			Gaps 0
4462	ACATTTTCTTTTCTTTTCTTTT	4461		
db				
3	AAATTTTCTTTTCTTTTCTTTT	22		

```

RESULT 343
US-08-950-196-1
; Sequence 1, Application US/08950196
; Patent No. 6271369
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTINA, LESTAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; TITLE OF INVENTION: OF RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US//08/950,196
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449
; FILING DATE:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fredrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034,001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEetical: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-950-196-1

Query Match 0.2%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 4e+02; 1;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTTCTTTT 4481
| | | | | | | | | | | | | |
Db 3 AATTTTCTTTTCTTTTCTTTT 22

```

```

; Patent No. 6271369
; GENERAL INFORMATION:
; APPLICANT: TORENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; TITLE OF INVENTION: OF RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/950,196
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449
; FILING DATE:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
;
; US-08-950-196-2
;
; Query Match 0.24; Score 18.4; DB 1; Length 22;
; Best Local Similarity 95.0%; Pred. No. 4e+02;
; Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; DY 4462 ACTTTTCTTTTCTTTTCTTTT 4481
; | ||||| ||||| |||||
; Db 3 AATTTTCTTTTCTTTTCTTTT 22
;
; RESULT 345
; US-08-881-784-18
; Sequence 18, Application US/08881784
; Patent No. 6083731
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B.
; APPLICANT: Lupien, Shari L.
; APPLICANT: Karp, Frank
; TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR
; TITLE OF INVENTION: THE PRODUCTION OF LIMONENE HYDROXYLASES
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen, O'Connor, Johnson and Kindness
; ADDRESS: PLLC
; STREET: 1420 Fifth Avenue, Suite 2800

```



```
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,138
FILING DATE: June 7, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-Z/JPM/MUG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-484-138-1

Query Match
Best Local Similarity 87.0%; Score 18.2; DB 1; Length 23;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5698 TTTTGCTTCTTTCTCTTCT 5720
Db 23 TTTTCCTTCTTTTCCATTCT 1

RESULT 349
PCT-US95-06379-1/c
Sequence 1, Application PC/TUS9506379
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Wei, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06379
FILING DATE: May 13, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
```

```
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-1

Query Match
Best Local Similarity 87.0%; Score 18.2; DB 1; Length 23;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5698 TTTTGCTTCTTTCTCTTCT 5720
Db 23 TTTTCCTTCTTTTCCATTCT 1

RESULT 350
US-09-721-154-7
Sequence 7, Application US/09721154
Patent No. 6651008
GENERAL INFORMATION:
APPLICANT: Vaisberg, Eugeni
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
TITLE OF INVENTION: Database system including computer code
TITLE OF INVENTION: for predictive cellular bioinformatics
FILE REFERENCE: Cytop007C2
CURRENT APPLICATION NUMBER: US/09/721,154
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Pseudo-sequence
US-09-721-154-7

Query Match
Best Local Similarity 87.0%; Score 18.2; DB 1; Length 24;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4466 TTTTGTGTTTTTTTGTCTT 4488
Db 2 TTTTGTGTTTTTTTGTCTT 24

RESULT 351
US-08-374-144-3
Sequence 3, Application US/08374144
Patent No. 5629147
GENERAL INFORMATION:
APPLICANT: Aprocgenex, Inc.
TITLE OF INVENTION: Enriching and Identifying Fetal Cells
TITLE OF INVENTION: Maternal Blood For In Situ Hybridization
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Elman Wilf & Fried
STREET: 20 West Third Street, P.O. Box 703
CITY: Media
STATE: PA
COUNTRY: USA
ZIP: 19063-8969
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 720K diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/374,144
FILING DATE:
```

```

; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Gerry J. Elman
; REGISTRATION NUMBER: 24,404
; REFERENCE/DOCKET NUMBER: M19-085
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-892-9580
; TELEFAX: 610-892-9577
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-374-144-3

Query Match          0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      60  CGAGAGCTGCGGCGCGCGCGCG 82
Db      1  CGGCGCGCGCGCGCGCGCGCGCG 23

RESULT 352
US-08-775-164-3
; Sequence 3, Application US/08775164
; Patent No. 5766843
; GENERAL INFORMATION:
; APPLICANT: Arogenex, Inc.
; TITLE OF INVENTION: Enriching and Identifying Fetal Cells
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Elman & Associates
; STREET: 20 West Third Street, P.O. Box 1969
; CITY: Media
; STATE: PA
; COUNTRY: USA
; ZIP: 19063-8969
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 720K diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/775,164
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Gerry J. Elman
; REGISTRATION NUMBER: 24,404
; REFERENCE/DOCKET NUMBER: M19-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-892-9577
; TELEFAX: 610-892-9577
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-775-164-3

Query Match          0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```

Oy      60  CGAGAGCTGCGGCGCGCGCGCG 82
Db      1  CGGCGCGCGCGCGCGCGCGCGCG 23

RESULT 353
US-08-775-609-3
; Sequence 3, Application US/08775609
; Patent No. 5858649
; GENERAL INFORMATION:
; APPLICANT: Arogenex, Inc.
; TITLE OF INVENTION: Enriching and Identifying Fetal Cells
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Elman & Associates
; STREET: 20 West Third Street, P.O. Box 1969
; CITY: Media
; STATE: PA
; COUNTRY: USA
; ZIP: 19063-8969
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 720K diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/775,609
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Gerry J. Elman
; REGISTRATION NUMBER: 24,404
; REFERENCE/DOCKET NUMBER: M19-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-892-9580
; TELEFAX: 610-892-9577
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-775-609-3

Query Match          0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      60  CGAGAGCTGCGGCGCGCGCGCG 82
Db      1  CGGCGCGCGCGCGCGCGCGCGCG 23

RESULT 354
US-08-775-607-3
; Sequence 3, Application US/08775607
; Patent No. 5861253
; GENERAL INFORMATION:
; APPLICANT: Arogenex, Inc.
; TITLE OF INVENTION: Enriching and Identifying Fetal Cells
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Elman & Associates
; STREET: 20 West Third Street, P.O. Box 1969
; CITY: Media
; STATE: PA
; COUNTRY: USA
; ZIP: 19063-8969
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: 3.5 inch 720K diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/775,607
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Gerry J. Eiman
; REGISTRATION NUMBER: 24,404
; REFERENCE/DOCKET NUMBER: M19-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-892-9580
; TELEFAX: 610-892-9577
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEetical: NO
; ANTI-SENSE: NO
; US-08-775-607-3

Query Match      0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      60 CGGAGCTGGCGGGCGGGCGGCG 82
Db      1 CGGCGCGCGCGCGCGCGCGCG 23

RESULT 355
; US-09-866-108A-13907
; Sequence 13907, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
```

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; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13907
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-13907

Query Match      0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5542 GGTGTGATGAGATGAGAGAG 5564
Db      3 GCGGTGATGAGCTGGAGAG 25

RESULT 356
; US-09-866-108A-13910
; Sequence 13910, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13910
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-13910

Query Match      0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5543 GTGTGATGAGATGAGAGAGT 5565
Db      1 GCGGTGATGAGCTGGAGAGT 23

RESULT 357
```

PCT-US93-06828-3  
Sequence 3, Application PC/TUS9306828  
GENERAL INFORMATION:  
APPLICANT: Asgari, Morteza  
APPLICANT: Bresner, Joel  
APPLICANT: Cubbage, Michael L  
APPLICANT: Praeshad, Nagindra  
TITLE OF INVENTION: Enriching and Identifying Fetal Cells in Maternal Blood For  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESSES:  
STREET:  
CITY:  
STATE:  
COUNTRY:  
ZIP:  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 Floppy disk - 720 K  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/06828  
FILING DATE: 19930719  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME:  
REGISTRATION NUMBER:  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE:  
TELEFAX:  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US93-06828-3

Query Match 0.2%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 5.6e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 60 CGGAGGCTGGCGGCGCGCGCG 82  
DB 1 CGGCGCGCGCGCGCGCGCGCG 23

RESULT 359  
US-08-621-914A-16  
Sequence 16, Application US/08621914A  
Patent No. 5707807  
GENERAL INFORMATION:  
APPLICANT: KATO, KIKUYA  
TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESSES:  
STREET: 1155 AVENUE OF THE AMERICAS  
CITY: NEW YORK  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/621,914A  
FILING DATE: 26-MAR-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LAWRENCE III, STANTON T.  
REGISTRATION NUMBER: 25,736  
REFERENCE/DOCKET NUMBER: 7005-107-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: other nucleic acid  
US-08-621-914A-16

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481  
DB 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 359  
US-08-346-429-3/C  
Sequence 3, Application US/08346429  
Patent No. 5837820  
GENERAL INFORMATION:  
APPLICANT: Derose, Richard  
APPLICANT: Douce, Roland  
APPLICANT: Duval, Manuel  
APPLICANT: Job, Claudette  
APPLICANT: Job, Dominique  
TITLE OF INVENTION: PROTEIN CAPABLE OF BEING BIOTINYLATED WHICH CAN  
TITLE OF INVENTION: BE USED FOR DETERMINING THE GERMINATION STAGE OF  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESSES:  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/346,429  
FILING DATE: 29-NOV-1994  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Digiglio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 9507  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 516-742-4343  
TELEFAX: 516-742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid

```

; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-346-429-3

Query Match
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 18 TTTT TTTT TTTT TTTT TTTT 1

RESULT 360
US-08-358-556A-12
; Sequence 12, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelet, Francois
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
US-08-358-556A-12

Query Match
Best Local Similarity 100.0%; Score 18; DB 1; Length 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT TTTT 18
```

```

RESULT 361
US-08-358-556A-18/C
; Sequence 18, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelet, Francois
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
US-08-358-556A-18

Query Match
Best Local Similarity 100.0%; Score 18; DB 1; Length 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 18 TTTT TTTT TTTT TTTT TTTT 1

RESULT 362
US-08-469-852A-4
; Sequence 4, Application US/08469852A
; Patent No. 5874213
; GENERAL INFORMATION:
; APPLICANT: Cummins, Lendell L.
; APPLICANT: Freier, Susan M.
; APPLICANT: Grifley, Richard
; APPLICANT: Sivasub, Susan G.
; TITLE OF INVENTION: Capillary Electrophoretic Detection of
```



```

: TITLE OF INVENTION: Nucleic Acids
: NUMBER OF SEQUENCES: 4
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5874213tris LLP
: STREET: One Liberty Place - 46th Floor
: CITY: Philadelphia
: STATE: PA
: COUNTRY: U.S.A.
: ZIP: 19103
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: WordPerfect 6.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/469,852A
: FILING DATE: 06-JUN-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/295,509
: FILING DATE: 24-AUG-1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Michael P. Straher
: REGISTRATION NUMBER: 38,325
: REFERENCE/DOCKET NUMBER: ISIS-2015
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 215-568-3100
: TELEFAX: 215-568-3439
: INFORMATION FOR SEQ ID NO: 4:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 bases
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-469-852A-4

Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
Db      1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 363
US-08-863-639A-17/c
: Sequence 17, Application US/08863639A
: Patent No. 5981185
: GENERAL INFORMATION:
: APPLICANT: Watson, Robert S.
: APPLICANT: Coaslin, Peter J.
: APPLICANT: Rampal, Jang B.
: APPLICANT: Caskey, C. T.
: TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
: NUMBER OF SEQUENCES: 95
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Sheldon & Mak
: STREET: 225 South Lake Avenue, 9th Floor
: CITY: Pasadena
: STATE: CA
: COUNTRY: USA
: ZIP: 91101
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
: COMPUTER: IBM compatible
: OPERATING SYSTEM: Windows 95
: SOFTWARE: Corel WordPerfect 8 version
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/863,639A
: FILING DATE: May 28, 1997
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
```

```

: NAME: Joseph E. Mueeth
: REGISTRATION NUMBER: 20,532
: REFERENCE/DOCKET NUMBER: 11859-1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (626) 796-4000
: TELEFAX: (626) 795-6321
: INFORMATION FOR SEQ ID NO: 17:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: Other nucleic acid
: US-08-863-639A-17

Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7415 GCAGCAGCAGCAGCAGCA 7432
Db      18 GCAGCAGCAGCAGCAGCA 1

RESULT 364
US-08-295-509B-4
: Sequence 4, Application US/08295509B
: Patent No. 6045995
: GENERAL INFORMATION:
: APPLICANT: Cummins, Lendell L.
: APPLICANT: Pfeiffer, Susan M.
: APPLICANT: Griffith, Richard
: APPLICANT: Srivatsa, Susan G.
: TITLE OF INVENTION: Capillary Electrophoretic Detection of
: NUCLEIC ACIDS
: NUMBER OF SEQUENCES: 4
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995tris
: STREET: One Liberty Place - 46th Floor
: CITY: Philadelphia
: STATE: PA
: COUNTRY: U.S.A.
: ZIP: 19103
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: WordPerfect 6.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/295,509B
: FILING DATE: 24-AUG-1994
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Michael P. Straher
: REGISTRATION NUMBER: 38,325
: REFERENCE/DOCKET NUMBER: ISIS-1395
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 215-568-3439
: TELEFAX: 215-568-3100
: INFORMATION FOR SEQ ID NO: 4:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 bases
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-295-509B-4

Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

Db 1 TTTTTTTTTTTTTTTT 18

RESULT 365  
US-08-884-029-9  
; Sequence 9, Application US/08884029  
; Patent No. 6071745  
; GENERAL INFORMATION:  
; APPLICANT: Lin, Ching-I Patsy  
; APPLICANT: Wallace, Robert Bruce  
; APPLICANT: Cosman, Jeffrey  
; APPLICANT: French, Cynthia  
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
; TITLE OF INVENTION: to Preserve RNA and DNA  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/884,029  
; FILING DATE: 27-JUN-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Parent, Annette S.  
; REGISTRATION NUMBER: 42,058  
; REFERENCE/DOCKET NUMBER: 02558B-059100US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: 13..18  
; OTHER INFORMATION: /mod\_base= OTHER  
; OTHER INFORMATION: /note= "t at positions 13-18 may be  
; OTHER INFORMATION: present or absent"  
US-08-884-029-9

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTT 4481  
Db 1 TTTTTTTTTTTTTTTT 18

RESULT 366  
US-08-941-445A-30/c  
; Sequence 30, Application US/08941445A  
; Patent No. 6107060  
; GENERAL INFORMATION:  
; APPLICANT: Keeling, Peter  
; APPLICANT: Guan, Hanning  
; TITLE OF INVENTION: Search Encapsulation  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.

STREET: 5370 Manhattan Circle  
CITY: Boulder  
STATE: CO  
COUNTRY: US  
ZIP: 80303  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/941,445A  
; FILING DATE: 30-SEP-1997  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/026,855  
; FILING DATE: 30-SEP-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Winner, Ellen P  
; REGISTRATION NUMBER: 28,547  
; REFERENCE/DOCKET NUMBER: 89-97  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (303) 499-8080  
; TELEFAX: (303) 499-8089  
; INFORMATION FOR SEQ ID NO: 30:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: cDNA to mRNA  
; HYPOTHETICAL: NO  
US-08-941-445A-30

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTT 4481  
Db 18 TTTTTTTTTTTTTTTT 1

RESULT 367  
US-09-637-751A-6  
; Sequence 6, Application US/09637751A  
; Patent No. 6383754  
; GENERAL INFORMATION:  
; APPLICANT: Kaufman, Joseph C.  
; APPLICANT: Roth, Matthew B.  
; APPLICANT: Lizardi, Paul M.  
; APPLICANT: Peng, Li  
; APPLICANT: Latimer, Darin R.  
; TITLE OF INVENTION: Binary Encoded Sequence Tags  
; FILE REFERENCE: AGI 100  
; Patent No. 6383754  
; CURRENT APPLICATION NUMBER: US/09/637,751A  
; CURRENT FILING DATE: 2000-08-11  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-637-751A-6

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4468 TTTTTTTTTTTTTTGT 4485

Db 1 |||||  
1 TTTT

## RESULT 368

US-09-545-225-9  
; Sequence 9, Application US/09545225  
; Patent No. 6410321

## GENERAL INFORMATION:

APPLICANT: Lin, Ching-I Patey  
Wallace, Robert Bruce  
Cosman, Jeffrey  
French, Cynthia

TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
to Preserve RNA and DNA

## NUMBER OF SEQUENCES: 9

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA

ZIP: 94111-3834

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/545,225

FILING DATE: 07-Apr-2000

CLASSIFICATION: <Unknown>

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/894,029

FILING DATE: 27-JUN-1997

## ATTORNEY/AGENT INFORMATION:

NAME: Parent, Annette S.

REGISTRATION NUMBER: 42,058

REFERENCE/DOCKET NUMBER: 02558B-059100US

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

## INFORMATION FOR SEQ ID NO: 9:

## SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

## FEATURE:

NAME/KEY: modified\_base

LOCATION: 13..18

OTHER INFORMATION: /mod\_base= OTHER

/note= "t at positions 13-18 may be

present or absent"

SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-09-545-225-9

Query Match 0.2%; Score 18; DB 1; Length 18;

Best Local Similarity 100.0%; Pred.No. 3.1e+02;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT

Db 1 TTTT

1 TTTT

1 TTTT

1 TTTT

1 TTTT

1 TTTT

1 TTTT

1 TTTT

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1 TTTT

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1 TTTT

1 TTTT

1 TTTT

1 TTTT

## APPLICANT: Lohse, Peter

APPLICANT: Wagner, Richard

TITLE OF INVENTION: Peptide Acceptor Ligation Methods

FILE REFERENCE: 50036/031002

CURRENT APPLICATION NUMBER: US/09/619,103

CURRENT FILING DATE: 2000-07-19

PRIOR APPLICATION NUMBER: 60/145,834

PRIOR FILING DATE: 1999-07-27

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 24

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: designed sequence for nucleic acid purification

US-09-619-103-24

Query Match 0.2%; Score 18; DB 1; Length 18;

Best Local Similarity 100.0%; Pred.No. 3.1e+02;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT

Db 18 TTTT

1 TTTT

1 TTTT

1 TTTT

1 TTTT

1 TTTT

1 TTTT

1 TTTT

1 TTTT

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```

; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,141B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
;
US-08-487-141B-42
;
Query Match          0.2%  Score 18; DB 1; Length 26;
Best Local Similarity 80.8%  Pred. No. 6.6e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 69 CGGGGGCGGGCGCGCGAGCGCGCGG 94
Db 1 CGGGGGCGGGCGGGCGCGAGGAGCGCGG 26

RESULT 375
US-08-927-561-42
; Sequence 42, Application US/08927561
; Patent No. 5874567
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
```

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; APPLICATION NUMBER: US/08/927,561
; FILING DATE: 08-SEPT-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/487,141
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Rigaut, Kathleen D.
; REGISTRATION NUMBER: P43,047
; REFERENCE/DOCKET NUMBER: 63082C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
;
US-08-927-561-42
;
Query Match          0.2%  Score 18; DB 1; Length 26;
Best Local Similarity 80.8%  Pred. No. 6.6e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 69 CGGGGGCGGGCGGGCGAGCGCGCGG 94
Db 1 CGGGGGCGGGCGGGCGAGGAGCGCGG 26

RESULT 376
PCT-US96-09388-42
; Sequence 42, Application PC/TUS9609388
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
```

MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
ANTI-SENSE: YES  
PCT-US96-09388-42

Query Match 0.2%; Score 18; DB 1; Length 26;  
Best Local Similarity 80.8%; Pred. No. 6.6e+02;  
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 69 CGGGGGCGGGCGGGCGGGCGGGCGG 94  
DB 1 CGGGGGCGGGCGGGCGGGCGGGCGG 26

RESULT 377  
US-08-946-914-50/c  
Sequence 50, Application US/08946914  
Patent No. 6027916  
GENERAL INFORMATION:  
APPLICANT: Ni, Jian  
APPLICANT: Genetz, Reiner L.  
APPLICANT: Ruben, Steven M.  
TITLE OF INVENTION: Galleclin 8, 9, 10 and 10SV  
NUMBER OF SEQUENCES: 60  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein, & Fox P.L.L.C.  
STREET: 1100 New York Ave., Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/946,914  
FILING DATE: Herewith  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/028,093  
FILING DATE: 09-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Steffe, Eric K.  
REGISTRATION NUMBER: 36,688  
REFERENCE/DOCKET NUMBER: 1488.0560001/EKS/SGW  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 27 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-946-914-50

Query Match 0.2%; Score 18; DB 1; Length 27;  
Best Local Similarity 80.8%; Pred. No. 7.2e+02;  
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 27 TGGAGCTGCTGCACGGCTCCGGCGG 52  
DB 26 TGGAGCTGCTGCACGGCTCCGGCGG 1

RESULT 378  
US-08-584-040-1083  
Sequence 1083, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1083:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 27 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
OTHER INFORMATION: The letter "N" represents the stem II region  
OTHER INFORMATION: of an HH ribozyme.  
US-08-584-040-1083

Query Match 0.2%; Score 18; DB 1; Length 27;  
Best Local Similarity 63.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 4; Mismatches 6; Indels 0; Gaps 0;

QY 1343 TCAGTCGCTGATGAGATGCAGCT 1369  
DB 1 UCUGGCUCCUGAUGAAGGCUUGCU 27

RESULT 379  
US-08-584-040-7130  
Sequence 7130, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR

```

; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; OTHER INFORMATION: The letter "N" represents the stem II region
; OTHER INFORMATION: of an HH ribozyme.
; US-08-584-040-7130

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 59.3%; Pred. No. 7.2e+02;
Matches 16; Conservative 5; Mismatches 6; Indels 0; Gaps 0;

QY      1343 TCAGTCGCTGATGAGATGCCAGCT 1369
DB      1 UAGUGGCGCUGAGAGAAAGCAGUCU 27

RESULT 380
US-09-656-450-50/c
; Sequence 50, Application US/09656450
; Patent No. 6468768
; GENERAL INFORMATION:
; APPLICANT: Ni, Jian
; APPLICANT: Gentz, Reiner L.
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Glectin 9 and 10SV Polynucleotides
; FILE REFERENCE: 1488.0560003
; CURRENT APPLICATION NUMBER: US/09/656,450
; CURRENT FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: US 09/263,689
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: US 08/946,914
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: US 60/028,093
; PRIOR FILING DATE: 1996-10-09
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 50
; LENGTH: 27
; TYPE: DNA
```

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; ORGANISM: synthetic construct
; US-09-656-450-50

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 7.2e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      27 TGGAGCTGCTGCAGGCTCCGCGCG 52
DB      26 TGGAGACCGCTGAGGCCCCGCGCG 1

RESULT 381
US-09-422-978-9116/c
; Sequence 9116, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9116
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-22333 for SEQ 1251, in comple
; US-09-422-978-9116

Query Match          0.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3899 GTTACTTCATGACATTTTC 3919
DB      21 GTTCTTCATGACATTTTC 1

RESULT 382
US-08-621-914A-6
; Sequence 6, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
```

FILING DATE: 26-MAR-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LAWRENCE III, STANTON T.  
REGISTRATION NUMBER: 25,736  
REFERENCE/DOCKET NUMBER: 7005-107-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: other nucleic acid  
US-08-621-914A-6

Query Match 0.2%; Score 17.8; DB 1; Length 23;  
Best Local Similarity 90.5%; Pred. No. 5.6e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGGACTTTTCTTTTCTTTT 4479  
Db 2 TCGAGTTTCTTTTCTTTT 22

RESULT 383  
US-09-056-052-9  
Sequence 9, Application US/09056052  
Patent No. 6090556  
GENERAL INFORMATION:  
APPLICANT: Kato, Kikuya  
TITLE OF INVENTION: Adaptor-Tagged Competitive PCR  
FILE REFERENCE: 07898/026001  
CURRENT APPLICATION NUMBER: US/09/056,052  
CURRENT FILING DATE: 1998-04-06  
EARLIER APPLICATION NUMBER: JP88495/1997  
EARLIER FILING DATE: 1997-04-07  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 9  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-056-052-9

Query Match 0.2%; Score 17.8; DB 1; Length 23;  
Best Local Similarity 90.5%; Pred. No. 5.6e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGGACTTTTCTTTTCTTTT 4479  
Db 2 TCGAGTTTCTTTTCTTTT 22

RESULT 384  
US-08-938-830-60/c  
Sequence 60, Application US/08938830  
Patent No. 6040437  
GENERAL INFORMATION:  
APPLICANT: Lasky, Laurence A.  
APPLICANT: Dowdenko, Donald J.  
TITLE OF INVENTION: Tyrosine Phosphorylated Cleavage  
TITLE OF INVENTION: Furrow-Associated Proteins (PSTIPs)  
NUMBER OF SEQUENCES: 73  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco

STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Winpatin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/938,830  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/798419  
FILING DATE: 07-FEB-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Ginger R.  
REGISTRATION NUMBER: 33,055  
REFERENCE/DOCKET NUMBER: P1066P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/225-3216  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 60:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-938-830-60

Query Match 0.2%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 6.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 GGAAGATTTCAGAGTGGC 1651  
Db 22 GGAAGATGTCAGAGTGGC 2

RESULT 385  
US-09-688-990-2/c  
Sequence 2, Application US/09688990  
Patent No. 6682907  
GENERAL INFORMATION:  
APPLICANT: CHARNEAU, PIERRE  
APPLICANT: ZENNOU, VERONIQUE  
APPLICANT: FIRAT, HUSEYIN  
TITLE OF INVENTION: USE OF TRIPLEX STRUCTURE DNA SEQUENCES FOR TRANSFERRING  
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES  
FILE REFERENCE: 03495,0199  
CURRENT APPLICATION NUMBER: US/09/688,990  
CURRENT FILING DATE: 2000-10-17  
PRIOR APPLICATION NUMBER: PCT/FR99/00974  
PRIOR FILING DATE: 1999-04-23  
NUMBER OF SEQ ID NOS: 33  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 2  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Lentivirus  
US-09-688-990-2

Query Match 0.2%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 6.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5476 TTTTGAAGAAAGATAATTTT 5496  
Db 22 TTTTGAAGAAAGATAATTTT 2

RESULT 386  
US-08-811-492-41/c



Sequence 41, Application US/08811492  
Patent No. 5834247  
GENERAL INFORMATION:  
APPLICANT: COMB, DONALD G.  
APPLICANT: PERLER, FRANCINE B.  
APPLICANT: JACK, WILLIAM E.  
APPLICANT: XU, MING-OUN  
APPLICANT: HODGES, ROBERT A.  
APPLICANT: NOREY, CHRISTOPHER J.  
APPLICANT: CHONG, SHAOHONG S. C.  
APPLICANT: ADAM, ERIC  
TITLE OF INVENTION: MODIFIED PROTEINS, METHODS OF THEIR  
PRODUCTION AND METHODS FOR PURIFICATION OF TARGET  
TITLE OF INVENTION: PROTEINS  
NUMBER OF SEQUENCES: 155  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GREGORY D. WILLIAMS, NEW ENGLAND BIOLABS, INC.  
STREET: 32 TOZER ROAD  
CITY: BEVERLY  
STATE: MASSACHUSETTS  
COUNTRY: USA  
ZIP: 01915  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC/DOS/MS\DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/811.492  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/580.555  
FILING DATE: 29-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/496.247  
FILING DATE: 28-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/146.885  
FILING DATE: 03-NOV-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/004.139  
FILING DATE: 09-DEC-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Gregory D  
REGISTRATION NUMBER: 30901  
REFERENCE/DOCKET NUMBER: NEB-036C4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 508-927-5054  
TELEFAX: 509-927-1705  
TELEX:  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-811-492-41

Query Match 0.24; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.54; Pred. No. 6.7e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4222 TTCTCTGTGAGATTAATACC 4242  
DB 21 TTCCTTATGACATTAATACC 1

RESULT 387  
US-09-866-108A-13911  
Sequence 13911, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866.108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207.456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236.359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 13911  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-13911

Query Match 0.24; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.54; Pred. No. 6.7e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5545 GGTGCATGACATGAGAACT 5565  
DB 2 GGTGCATGACATGAGAACT 22

RESULT 388  
US-09-866-108A-13912  
Sequence 13912, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866.108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207.456  
PRIOR FILING DATE: 2000-05-26

```

; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining prior application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13912
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13912
```

```

Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 5545 GGTGATGAGATGAGAACT 5565

Db 1 GGTGATGAGATGAGAACT 21

```

RESULT 389
; PCT-US96-10545A-41/C
; Sequence 41, Application PC/TUS9610545A
; GENERAL INFORMATION:
; APPLICANT: COMB, DONALD G.
; APPLICANT: PERLER, FRANCINE B.
; APPLICANT: JACK, WILLIAM E.
; APPLICANT: XU, MING-QUN
; APPLICANT: HOGES, ROBERT A.
; APPLICANT: NOREN, CHRISTOPHER J.
; TITLE OF INVENTION: MODIFIED PROTEINS AND METHODS OF THEIR
; TITLE OF INVENTION: PRODUCTION
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10545A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/580,555
; FILING DATE: 29-DEC-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/496,247
; FILING DATE: 28-JUN-1995
```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/146,885
; FILING DATE: 03-NOV-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/004,139
; FILING DATE: 09-DEC-1992
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-036C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US96-10545A-41
```

```

Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 4222 TTCCTCTGACATATATAC 4242

Db 21 TTCCTTATGACATATATAC 1

```

RESULT 390
; US-08-942-012B-5
; Sequence 5, Application US/08942012B
; Patent No. 6235278
; GENERAL INFORMATION:
; APPLICANT: MILLER, LOIS K.
; APPLICANT: LU, ALBERT
; APPLICANT: DIKERS, PETER
; APPLICANT: BLACK, BRUCE
; TITLE OF INVENTION: Biological Insect Control Agents Expressing
; TITLE OF INVENTION: Insect-Specific Toxin Genes, Method and Compositions
; FILE REFERENCE: 28-96A
; CURRENT APPLICATION NUMBER: US/08/942,012B
; CURRENT FILING DATE: 1997-10-01
; PRIOR APPLICATION NUMBER: 08/729,606
; PRIOR FILING DATE: 2000-10-01
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-08-942-012B-5
```

```

Query Match          0.2%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 6.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 4458 ATGACTTTTATTTTATTTT 4481

Db 1 ATGACTGTATTTTATTTT 24

```

RESULT 391
; US-09-596-120-18/C
; Sequence 18, Application US/09596120
; Patent No. 6517838
```

```
; GENERAL INFORMATION:
; APPLICANT: Hook, Magnus A.
; TITLE OF INVENTION: Decorin Binding Proteins Essential Peptides and Methods of Use
; FILE REFERENCE: 12740.0210.NPUS00 (TAMK:210)
; CURRENT APPLICATION NUMBER: US/09/596.120
; CURRENT FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-596-120-18

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4280 GCACCTTTCTTGCAGTGCATCT 4303
Db      24 GCAGCCTTTTGCATTCATCT 1

RESULT 392
US-09-596-120-19
; Sequence 19, Application US/09596120
; Patent No. 6517838
; GENERAL INFORMATION:
; APPLICANT: Hook, Magnus A.
; TITLE OF INVENTION: Decorin Binding Proteins Essential Peptides and Methods of Use
; FILE REFERENCE: 12740.0210.NPUS00 (TAMK:210)
; CURRENT APPLICATION NUMBER: US/09/596.120
; CURRENT FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-596-120-19

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4280 GCACCTTTCTTGCAGTGCATCT 4303
Db      2 GCAGCCTTTTGCATTCATCT 25

RESULT 393
US-07-885-970A-1
; Sequence 1, Application US/07885970A
; Patent No. 5495070
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal E.
; TITLE OF INVENTION: GENETICALLY ENGINEERING COTTON
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nicholas J. Seay, Quarles & Brady
; STREET: P.O. Box 2113, First Wisconsin Plaza
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

```
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/885,970A
; FILING DATE: 19920518
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/617,239
; FILING DATE: 21-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/253,243
; FILING DATE: 04-OCT-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Seay, Nicholas J.
; REGISTRATION NUMBER: 27,386
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 283-2478
; TELEFAX: (608) 251-5139
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHEICAL: YES
; ANTI-SENSE: NO
US-07-885-970A-1

Query Match          0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4456 GCATGACCTTTTCTTTTCTTTT 4479
Db      3 GCTGGTACCTTTTCTTTTCTTTT 26

RESULT 394
US-08-298-687A-1
; Sequence 1, Application US/08298687A
; Patent No. 5521078
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal E.
; TITLE OF INVENTION: GENETICALLY ENGINEERING COTTON
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nicholas J. Seay, Quarles & Brady
; STREET: P.O. Box 2113, First Wisconsin Plaza
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/298,687A
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/617,239
; FILING DATE: 21-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/253,243
; FILING DATE: 04-OCT-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Seay, Nicholas J.
; REGISTRATION NUMBER: 27,386
```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 283-2478
; TELEFAX: (608) 251-5139
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; HYPOTHEICAL: YES
; ANTI-SENSE: NO
; US-08-298-687A-1

Query Match          0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4456 GCATGACCTTTTCTTTTCTTTT 4479
Db      3 GCTGCTACCTTTTCTTTTCTTTT 26

RESULT 395
; US-08-241-943-1
; Sequence 1, Application US/08241943
; Patent No. 5603221
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal E.
; TITLE OF INVENTION: TRANSGENIC COTTON PLANTS
; TITLE OF INVENTION: PRODUCING HETEROLOGOUS BIOPOLYESTIC
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nicholas J. Seay, Quarles & Brady
; STREET: First Wisconsin Plaza, One South
; STREET: Pinckney St.,
; STREET: P.O. Box 2113
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53701-2113
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/241,943
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: us/07/980,521
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Seay, Nicholas J.
; REGISTRATION NUMBER: 27,386
; REFERENCE/DOCKET NUMBER: 11-229-9076-8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 251-2484
; TELEFAX: (608) 251-9166
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHEICAL: YES
; US-08-241-943-1

Query Match          0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      4456 GCATGACCTTTTCTTTTCTTTT 4479
Db      3 GCTGCTACCTTTTCTTTTCTTTT 26

RESULT 396
; US-08-378-588-1
; Sequence 1, Application US/08378588
; Patent No. 5608148
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal E.
; TITLE OF INVENTION: TRANSGENIC COTTON PLANTS
; TITLE OF INVENTION: PRODUCING HETEROLOGOUS PEROXIDASE
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nicholas J. Seay, Quarles & Brady
; STREET: First Wisconsin Plaza, One South
; STREET: Pinckney St.,
; STREET: P.O. Box 2113
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53701-2113
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,588
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Seay, Nicholas J.
; REGISTRATION NUMBER: 27,386
; REFERENCE/DOCKET NUMBER: 11-229-9101-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 251-2484
; TELEFAX: (608) 251-9166
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; HYPOTHEICAL: YES
; US-08-378-588-1

Query Match          0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4456 GCATGACCTTTTCTTTTCTTTT 4479
Db      3 GCTGCTACCTTTTCTTTTCTTTT 26

RESULT 397
; US-08-298-829-1
; Sequence 1, Application US/08298829
; Patent No. 5620882
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal E.
; TITLE OF INVENTION: GENETICALLY ENGINEERING COTTON
; TITLE OF INVENTION: PLANTS FOR ALTERED FIBER
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nicholas J. Seay, Quarles & Brady
; STREET: P.O. Box 2113, First Wisconsin Plaza
; CITY: Madison
; STATE: Wisconsin
```

```

1  COUNTRY: USA
2  ZIP: 53701
3  COMPUTER READABLE FORM:
4  MEDIUM TYPE: floppy disk
5  COMPUTER: IBM PC compatible
6  OPERATING SYSTEM: PC-DOS/MS-DOS
7  SOFTWARE: Microsoft Word
8  CURRENT APPLICATION DATA:
9  APPLICATION NUMBER: US/08/298,829
10 FILING DATE: 19-OCT-1994
11 CLASSIFICATION: 800
12 PRIOR APPLICATION DATA:
13 APPLICATION NUMBER: US 07/885,970
14 FILING DATE: 18-MAY-1992
15 PRIOR APPLICATION DATA:
16 APPLICATION NUMBER: US 07/617,239
17 FILING DATE: 21-NOV-1990
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER: US 07/253,243
20 FILING DATE: 04-OCT-1988
21 ATTORNEY/AGENT INFORMATION:
22 NAME: Seay, Nicholas J.
23 REGISTRATION NUMBER: 27,386
24 TELECOMMUNICATION INFORMATION:
25 TELEPHONE: (608) 283-2478
26 TELEFAX: (608) 251-5139
27 INFORMATION FOR SEQ ID NO.: 1:
28 SEQUENCE CHARACTERISTICS:
29 LENGTH: 26 base pairs
30 TYPE: nucleic acid
31 STRANDEDNESS: single
32 TOPOLOGY: linear
33 MOLECULE TYPE: oligonucleotide
34 HYPOTHETICAL: YES
35 ANTI-SENSE: NO
36
37 US-08-298-829-1

```

```

Query Match Similarity      0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity      83.3%; Pred No. 7.8e+02;
Matches    20; Conservative   0; Mismatches    4; Indels    0; Gaps    0

QY          4456 GCATGACCTTTTTTTTTTTTTTTT 4479
           |||||TTTTTTTTTTTTTTT|
Db          3 GGTGGTACCCTTTTTTTTTTTTTTTT 26

RESULT 398
US-08-811-094-1
; Sequence 1, Application US/08811094
; Patent No. 5869720
; GENERAL INFORMATION:
APPLICANT: John, Maliyakal E.
TITLE OF INVENTION: TRANSGENIC COTTON PLANTS
TITLE OF INVENTION: PRODUCING HETEROLOGOUS PEROXIDASE
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nicholas J. Seay, Charles & Brady
STREET: First Wisconsin Plaza, One South
STREET: Finckney St.,
STREET: P.O. Box 2113
CITY: Madison
STATE: WI
COUNTRY: USA
ZIP: 53701-2113
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/811,094
FILING DATE: 03-MAR-1997
CLASSIFICATION: 800

```

1 PRIOR APPLICATION DATE: 08/378,588  
 2 APPLICATION NUMBER: 25-JAN-1995  
 3 FILING DATE: 25-JAN-1995  
 4 ATTORNEY/AGENT INFORMATION:  
 5 NAME: Seay, Nicholas J.  
 6 REGISTRATION NUMBER: 27,386  
 7 REFERENCE/DOCKET NUMBER: 11-229-9101-2  
 8 TELECOMMUNICATION INFORMATION:  
 9 TELEPHONE: (608) 251-2484  
 10 TELEFAX: (608) 251-9166  
 11 INFORMATION FOR SEQ. ID NO. 1:  
 12 SEQUENCE CHARACTERISTICS:  
 13 LENGTH: 26 base pairs  
 14 TYPE: nucleic acid  
 15 STRANDEDNESS: single  
 16 TOPOLOGY: linear  
 17 MOLECULE TYPE: oligonucleotide  
 18 HYPOTHEICAL: YES  
 19 US-08-811-094-1

Query Match	0.2%	Score 17.6	DB 1	Length 26
Best Local Similarity	83.3%	Pred. No. 7.8e+02		
Matches 20	Conservative 0	Mismatches 4	Indels 0	Gaps 0
QY	4456 GCATGACATTTTTTTTTTTTTTT	4479		
DB				
	3 GCTGCTACCTTTTTTTTTTTTTTT	26		

```

US-08-467-504-10
US-08-467-504-10
Sequence 10, Application US/08467504
Patent No. 6211430
GENERAL INFORMATION:
APPLICANT: John, Malyakal E.
TITLE OF INVENTION: Pblate PROMOTER
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles & Brady
STREET: 411 East Wisconsin Avenue
CITY: Milwaukee
STATE: WI
COUNTRY: U.S.A.
ZIP: 53202-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,504
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Baker, Jean C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 110229, 91152
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 277-5709
TELEFAX: (414) 271-3552
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other Nucleic Acid
US-08-467-504-10

```

Query Match	0.2%	Score 17.6;	DB 1;	Length 26;
Best Local Similarity	83.3%	Pred. No. 7.8e+02;		
Matches	20;	Conservative	0;	Mismatches 4;
			Indels	0;
			Gaps	0;



Db 1 CCGGUAUCUGAUGANGAAAUUCU 25

RESULT 403  
US-09-126-280-17  
Sequence 17, Application US/09126280  
Patent No. 6103524  
GENERAL INFORMATION:  
APPLICANT: Wu, Su  
APPLICANT: Belagaje, Rama M  
TITLE OF INVENTION: Metabotropic Glutamate Receptor Protein and Nucleic  
TITLE OF INVENTION: Acid  
FILE REFERENCE: Sequence List  
Patent No. 6103524  
CURRENT APPLICATION NUMBER: US/09/126,280  
CURRENT FILING DATE: 1998-07-30  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO: 17  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Description of Artificial Sequence:  
US-09-126-280-17

Query Match 0.2%; Score 17.6; DB 1; Length 27;  
Best Local Similarity 83.3%; Pred. No. 8.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 364 GACGCTGACCTACGAGTGCAC 387  
Db 4 GACGGTACCCCTTCACAGTGCAC 27

RESULT 404  
US-08-584-040-310  
Sequence 310, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 310:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 27 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
OTHER INFORMATION: The letter "N" represents the stem II region  
US-08-584-040-310

Query Match 0.2%; Score 17.6; DB 1; Length 27;  
Best Local Similarity 68.0%; Pred. No. 8.4e+02;  
Matches 17; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 1345 AGTGCCTGATGAAGATGCAGCT 1369  
Db 3 AGGUGCCUGAUGANGAAGCCAUUCU 27

RESULT 405  
US-08-584-040-3684/c  
Sequence 3684, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 3684:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; OTHER INFORMATION: The letter "N" represents the stem II region
; OTHER INFORMATION: of an HH ribozyme.
US-08-584-040-3684

Query Match          0.2%; Score 17.6; DB 1; Length 27;
Best Local Similarity 80.0%; Pred. No. 8.4e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4627 GCGAGTTGCACTTCAGTGGCAT 4651
Db      25 GCGAGTTGTCATCATGATGGCAT 1

RESULT 406
US-09-401-063-999
; Sequence 999, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Pell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 999:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; OTHER INFORMATION: The letter "N" stands for the stem
; OTHER INFORMATION: II region of a HH ribozyme.
US-09-401-063-999
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```

Query Match          0.2%; Score 17.6; DB 1; Length 27;
Best Local Similarity 52.0%; Pred. No. 8.4e+02;
Matches 13; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

QY      5812 CTGCGTATGTGATGAAATCTCT 5836
Db      1 CCGCGUATUGAUGAAGAAUUTUCU 25

RESULT 407
US-09-306-290-25/c
; Sequence 25, Application US/09306290
; Patent No. 6221635
; GENERAL INFORMATION:
; APPLICANT: Rovera, Giovanni
; APPLICANT: Makhopadhyay, Sunil
; TITLE OF INVENTION: METHODS FOR SOLID-PHASE AMPLIFICATION OF DNA TEMPLATE
; TITLE OF INVENTION: (SPADT) USING MULTIBARRAYS
; FILE REFERENCE: 09924-10
; CURRENT APPLICATION NUMBER: US/09/306,290
; CURRENT FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 25
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer p41
; OTHER INFORMATION: FH373
US-09-306-290-25

Query Match          0.2%; Score 17.6; DB 1; Length 40;
Best Local Similarity 65.0%; Pred. No. 1.6e+03;
Matches 26; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY      3992 AACAAAACTCTTAGTCTAAATGAGAAAAAGAGA 4031
Db      40 ACCAAACCTCGTATATGAAAAAAGAAAAA 1

RESULT 408
US-08-410-540-5
; Sequence 5, Application US/08410540
; Patent No. 5807678
; GENERAL INFORMATION:
; APPLICANT: Miller, Walter L.
; APPLICANT: Lin, Dong
; APPLICANT: Straus III, Jerome F.
; TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS
; TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: CA
; COUNTRY: US
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,540
; FILING DATE: 23-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCAL-238/00US
```



```
TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415 853 5070
; TELEFAX: 415 857 0663
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-08-410-540-5

Query Match      0.2%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGCAG 7433
Db      1 GCAGCAGCAGCAGCAGCAG 19

RESULT 409
US-07-912-900-20
; Sequence 20, Application US/07912900
; Patent No. 5349125
; GENERAL INFORMATION:
; APPLICANT: Holton, Timothy A.
; APPLICANT: Cornish, Edwina C.
; APPLICANT: Kovacic, Filipa
; APPLICANT: Tanaka, Yoshikazu
; APPLICANT: Lester, Diane R.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID
; TITLE OF INVENTION: PATHWAY ENZYMES AND USES THEREFOR
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/912,900
; FILING DATE: 19920713
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8633
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-912-900-20

Query Match      0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4466 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TAG 19

RESULT 410
US-08-285-309-20
; Sequence 20, Application US/08285309
; Patent No. 5569832
; GENERAL INFORMATION:
; APPLICANT: Holton, Timothy A.
; APPLICANT: Cornish, Edwina C.
; APPLICANT: Kovacic, Filipa
; APPLICANT: Tanaka, Yoshikazu
; APPLICANT: Lester, Diane R.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING A 3,5'-
; TITLE OF INVENTION: HYDROXYLASE AND USES
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/285,309
; FILING DATE: 03-AUG-1994
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 86332
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-285-309-20

Query Match      0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4466 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TAG 19

RESULT 411
US-08-313-075A-11
; Sequence 11, Application US/08313075A
; Patent No. 5639870
; GENERAL INFORMATION:
; APPLICANT: Holton, Timothy A.
; APPLICANT: Cornish, Edwina C.
; APPLICANT: Tanaka, Yoshikazu
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID
; TITLE OF INVENTION: PATHWAY ENZYMES AND USES THEREFOR
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: Scully, Scott, Murphy & Presser  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,075A  
FILING DATE: 30-NOV-1994  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: AU PL 1538/92  
FILING DATE: 27-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: AU PL 6698/93  
FILING DATE: 07-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: AU PCT/AU93/00127  
FILING DATE: 25-MAR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Digiglo, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 9433  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-313-075A-11

Query Match 0.2%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4466 TTTT TTTT TTTT TTTT TTTT G 4484  
DB 1 TTTT TTTT TTTT TTTT TTTT AG 19

RESULT 412  
US-08-502-046-20  
Sequence 20, Application US/08502046  
Patent No. 5861487  
GENERAL INFORMATION:  
APPLICANT: Holton, Timothy A.  
APPLICANT: Cornish, Edwin C.  
APPLICANT: Kovacic, Filipa  
APPLICANT: Tanaka, Yoshikazu  
APPLICANT: Lester, Diane R.  
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING A 3.5'-  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Scully, Scott, Murphy & Presser  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/502,046  
FILING DATE: 14-JUL-1995  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/285,309  
FILING DATE: 03-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Digiglo, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 8633Z  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-502-046-20

Query Match 0.2%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4466 TTTT TTTT TTTT TTTT TTTT G 4484  
DB 1 TTTT TTTT TTTT TTTT TTTT AG 19

RESULT 413  
US-08-927-219-56  
Sequence 56, Application US/08927219  
Patent No. 6187533  
GENERAL INFORMATION:  
APPLICANT: Bell, Graeme I.  
APPLICANT: Yamagata, Kazuya  
APPLICANT: Ode, Naohisha  
APPLICANT: Katsaki, Pamela J.  
APPLICANT: Furuta, Hiroto  
APPLICANT: Horikawa, Yukio  
APPLICANT: Menzel, Stephen  
TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY  
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/927,219  
FILING DATE: 1 Concurrently Herewith  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,679  
FILING DATE: 30-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/028,056  
FILING DATE: 02-OCT-1996

PRIOR APPLICATION DATA:  
: APPLICATION NUMBER: US 60/025,719  
: FILING DATE: 10-SEP-1996  
: ATTORNEY/AGENT INFORMATION:  
: NAME: Wilson, Mark B.  
: REGISTRATION NUMBER: 37,259  
: REFERENCE/DOCKET NUMBER: ARCD:272  
: TELECOMMUNICATION INFORMATION:  
: TELEPHONE: 512/418-3000  
: TELEFAX: 512/474-7577  
: INFORMATION FOR SEQ ID NO: 56:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 20 base pairs  
: TYPE: nucleic acid  
: STRANDEDNESS: single  
: TOPOLOGY: linear  
US-08-927-219-56

Query Match 0.2%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5017 GGGCTCTGGAGAGGAG 5035  
Db 1 GGGCACTGGAGAGGAG 19

RESULT 414  
US-08-621-914A-5  
: Sequence 5, Application US/08621914A  
: Patent No. 5707807  
: GENERAL INFORMATION:  
: APPLICANT: KATO, KIKUYA  
: TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE  
: NUMBER OF SEQUENCES: 16  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: PENNIE & EDMONDS  
: STREET: 1155 AVENUE OF THE AMERICAS  
: CITY: NEW YORK  
: STATE: NY  
: COUNTRY: USA  
: ZIP: 10036-2711  
: COMPUTER READABLE FORM:  
: MEDIUM TYPE: Floppy disk  
: OPERATING SYSTEM: PC-DOS/MS-DOS  
: SOFTWARE: Patentin Release #1.0, Version #1.30  
: CURRENT APPLICATION DATA:  
: APPLICATION NUMBER: US/08/621,914A  
: FILING DATE: 26-MAR-1996  
: CLASSIFICATION: 435  
: ATTORNEY/AGENT INFORMATION:  
: NAME: LAWRENCE III, STANTON T.  
: REGISTRATION NUMBER: 25,736  
: REFERENCE/DOCKET NUMBER: 7005-107-999  
: TELECOMMUNICATION INFORMATION:  
: TELEPHONE: (212) 790-9090  
: TELEFAX: (212) 869-9741  
: TELEX: 66141 PENNIE  
: INFORMATION FOR SEQ ID NO: 5:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 23 base pairs  
: TYPE: nucleic acid  
: STRANDEDNESS: unknown  
: TOPOLOGY: unknown  
: MOLECULE TYPE: other nucleic acid  
US-08-621-914A-5

Query Match 0.2%; Score 17.4; DB 1; Length 23;  
Best Local Similarity 94.7%; Pred. No. 6.7e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTT 4481  
Db 4 CTGTTTTTTTTTTTTT 22

RESULT 415  
US-09-056-052-8  
: Sequence 8, Application US/09056052  
: Patent No. 6090556  
: GENERAL INFORMATION:  
: APPLICANT: Kato, Kikuya  
: TITLE OF INVENTION: Adaptor-Tagged Competitive PCR  
: FILE REFERENCE: 07898/026001  
: CURRENT APPLICATION NUMBER: US/09/056,052  
: CURRENT FILING DATE: 1998-04-06  
: EARLIER APPLICATION NUMBER: JP88495/1997  
: EARLIER FILING DATE: 1997-04-07  
: NUMBER OF SEQ ID NOS: 13  
: SOFTWARE: Patentin Ver. 2.0  
: SEQ ID NO 8  
: LENGTH: 23  
: TYPE: DNA  
: ORGANISM: Artificial Sequence  
: FEATURE:  
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-056-052-8

Query Match 0.2%; Score 17.4; DB 1; Length 23;  
Best Local Similarity 94.7%; Pred. No. 6.7e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTT 4481  
Db 4 CTGTTTTTTTTTTTTT 22

RESULT 416  
US-09-475-947A-153/C  
: Sequence 153, Application US/09475947A  
: Patent No. 6472154  
: GENERAL INFORMATION:  
: APPLICANT: Garner, Harold R.  
: APPLICANT: Wren, Jonathan D.  
: TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
: FILE REFERENCE: UTS0667  
: CURRENT APPLICATION NUMBER: US/09/475,947A  
: CURRENT FILING DATE: 1999-12-31  
: NUMBER OF SEQ ID NOS: 346  
: SOFTWARE: Patentin Ver. 2.1  
: SEQ ID NO 153  
: LENGTH: 27  
: TYPE: DNA  
: ORGANISM: human  
US-09-475-947A-153

Query Match 0.2%; Score 17.4; DB 1; Length 27;  
Best Local Similarity 77.8%; Pred. No. 9.1e+02;  
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 4013 AATGAGAAAAAGAGAAACAAA 4039  
Db 27 AATGAGAAAAAGAGAAACAAA 1

RESULT 417  
US-08-173-489C-20/C  
: Sequence 20, Application US/08173489C  
: Patent No. 5861244  
: GENERAL INFORMATION:  
: APPLICANT: WANG, C. -G.  
: APPLICANT: HEPBURN, A. G.  
: TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA

TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
NUMBER OF SEQUENCES: 365  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44MB storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Nordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173,489C  
FILING DATE: 22 DEC 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/966,436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Handelsman, Joseph H.  
REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6  
TELECOMMUNICATION INFORMATION: 708-1880  
TELEPHONE: (attorney) (212) 246-8959  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 35 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: third strand derived from n-myc  
HYPOTHETICAL: Yes  
ANTI-SENSE: No  
PUBLICATION INFORMATION:  
RELEVANT RESIDUES IN SEQ ID NO: 20 : FROM 1 TO 35  
US-08-173-489C-20

Query Match 0.2%; Score 17.4; DB 1; Length 35;  
Best Local Similarity 77.8%; Pred. No. 1.4e+03;  
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 4013 AAATGAGAAAAAGAGAGAAAAACAAA 4039  
DB 35 AAAAGACAGAAAAAGAAAAAAA 9

RESULT 418  
US-09-130-079-1/c  
Sequence 1, Application US/09130079  
Patent No. 6270966  
GENERAL INFORMATION:  
APPLICANT: The United States of America, as represented by the  
APPLICANT: Secretary, Department of Health and Human Services  
TITLE OF INVENTION: RESTRICTION DISPLAY (RD-PCR) OF DIFFERENTIALLY EXPRESS  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobb, Martens, Olson & Bear  
STREET: 620 Newport Center Drive, 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/130,079  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/011/379  
FILING DATE: 09-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Kirkpatrick, Anita M  
REGISTRATION NUMBER: 32,617  
REFERENCE/DOCKET NUMBER: NIH108.001VPC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-235-8550  
TELEFAX: 619-235-0176  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: mRNA  
US-09-130-079-1

Query Match 0.2%; Score 17.2; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 4.9e+02;  
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4467 TTTTCTTTTCTTTTCTTG 4484  
DB 19 TTTTCTTTTCTTTTCTTV 2

RESULT 419  
US-09-078-871A-3/c  
Sequence 3, Application US/09078871A  
Patent No. 6452065  
GENERAL INFORMATION:  
APPLICANT: Zheng, et al.  
TITLE OF INVENTION: Transgenic Animal Expressing  
No. 6452065-Native Wild-Type and Familial  
Alzheimer's Disease Mutant  
Presenilin 1 Protein on Native  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Merck & Co., Inc.  
STREET: P.O. Box 2000, 126 E. Lincoln Ave.  
CITY: Rahway  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065-0900  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/078,871A  
FILING DATE: 14-May-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US98/09709  
FILING DATE: 13-MAY-1998  
APPLICATION NUMBER: 60/046,488  
FILING DATE: 14-MAY-1997  
APPLICATION NUMBER: 60/078,465  
FILING DATE: 18-MAR-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Yablonsky, Michael D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19954Y  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720  
TELEX: <unknown>  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-09-078-871A-3

Query Match 0.2% Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. NO. 6.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2907 CTGTTTCCTTCTATAGAGCTG 2928  
DB 22 CTGTTTGTGTATAGAGCTG 1

RESULT 420  
US-09-629-222A-7/c  
Sequence 7, Application US/09629222A  
Patent No. 6599700  
GENERAL INFORMATION:  
APPLICANT: Bellacosa, Alfonso  
TITLE OF INVENTION: Methods for Detection of Transition  
FILE REFERENCE: FCCC 96-21  
CURRENT APPLICATION NUMBER: US/09/629,222A  
PRIOR FILING DATE: 2000-07-31  
PRIOR APPLICATION NUMBER: 09/463,891  
PRIOR FILING DATE: 2000-01-28  
PRIOR APPLICATION NUMBER: PCT/US98/15828  
PRIOR FILING DATE: 1998-07-28  
PRIOR APPLICATION NUMBER: 60/053,936  
PRIOR FILING DATE: 1997-07-28  
NUMBER OF SEQ ID NOS: 73  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 7  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-09-629-222A-7

Query Match 0.2% Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. NO. 6.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1099 CTGAGAGTGACAGACTGTGG 1120  
DB 22 CGGAGAGTGACAGACTGTGG 1

RESULT 421  
US-08-621-914A-4  
Sequence 4, Application US/08621914A  
Patent No. 5707807  
GENERAL INFORMATION:  
APPLICANT: KATO, KIKUYA  
TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 AVENUE OF THE AMERICAS  
CITY: NEW YORK  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/621,914A  
FILING DATE: 26-MAR-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LAWRENCE III, STANTON T.  
REGISTRATION NUMBER: 25,736  
REFERENCE/DOCKET NUMBER: 7005-107-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: other nucleic acid  
US-08-621-914A-4

Query Match 0.2% Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. NO. 7.2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTCTTTTCTTTT 4481  
DB 1 GGATCCTTTTCTTTTCTTTT 22

RESULT 422  
US-07-869-933-7/c  
Sequence 7, Application US/07869933  
Patent No. 5770396  
GENERAL INFORMATION:  
APPLICANT: KINET, Jean-Pierre  
TITLE OF INVENTION: ISOLATION, CHARACTERIZATION, AND USE OF  
TITLE OF INVENTION: THE HUMAN B SUBUNIT OF THE HIGH AFFINITY RECEPTOR FOR  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 1800 Diagonal Road, Suite 500  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22313-0299  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/869,933  
FILING DATE: 19920416  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 40399/154 NIHD  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)836-9300  
TELEFAX: (703)683-4109  
TELEX: 899149  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: NUCLEIC ACID

```
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-869-933-7

Query Match
Best Local Similarity 0.2%; Score 17.2; DB 1; Length 23;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTTCTTTTCTTTT 4483
Db 22 ATTCTTTTCTTTTCTTTTCTTTTATT 1

RESULT 423
US-09-056-052-7
; Sequence 7, Application US/09056052
; Patent No. 6090556
; GENERAL INFORMATION:
; APPLICANT: Kato, Kikuya
; TITLE OF INVENTION: Adaptor-Tagged Competitive PCR
; FILE REFERENCE: 07898/026001
; CURRENT APPLICATION NUMBER: US/09/056,052
; CURRENT FILING DATE: 1998-04-06
; EARLIER APPLICATION NUMBER: JP88495/1997
; EARLIER FILING DATE: 1997-04-07
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 7
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-056-052-7

Query Match
Best Local Similarity 0.2%; Score 17.2; DB 1; Length 23;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTCTTTTCTTTTCTTTTCTTTT 4481
Db 1 GGATCTTTTCTTTTCTTTTCTTTTCTTTT 22

RESULT 424
US-09-103-663-7/c
; Sequence 7, Application US/09103663D
; Patent No. 6171803
; GENERAL INFORMATION:
; APPLICANT: Kinet et al.
; TITLE OF INVENTION: Isolation, characterization, and use of the human beta
; TITLE OF INVENTION: subunit of the high affinity receptor for
; FILE REFERENCE: 50490
; CURRENT APPLICATION NUMBER: US/09/103,663D
; CURRENT FILING DATE: 1998-06-23
; EARLIER APPLICATION NUMBER: 07/869,933
; EARLIER FILING DATE: 1992-04-16
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 7
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-103-663-7

Query Match
Best Local Similarity 0.2%; Score 17.2; DB 1; Length 23;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTTCTTTTCTTTT 4483
Db 22 ATTCTTTTCTTTTCTTTTCTTTTATT 1
```

```
RESULT 425
US-09-632-098-24/c
; Sequence 24, Application US/09632098
; Patent No. 6420154
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Baidur, Nand
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: MAMMALIAN ADHESION PROTEASE PEPTIDES
; FILE REFERENCE: 99-39
; CURRENT APPLICATION NUMBER: US/09/632,098
; CURRENT FILING DATE: 2000-08-02
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ologonucleotide ZC21,076
US-09-632-098-24

Query Match
Best Local Similarity 0.2%; Score 17.2; DB 1; Length 23;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAGCAGC 7434
Db 23 CAGTAGTAGCAGCAGCAGCAGCAGCAGC 2

RESULT 426
US-08-356-790-9
; Sequence 9, Application US/08356790
; Patent No. 5589622
; GENERAL INFORMATION:
; APPLICANT: Gurr, Sarah J.
; APPLICANT: McPherson, Michael J.
; APPLICANT: Atkinson, Howard J.
; APPLICANT: Bowles, Diana J.
; TITLE OF INVENTION: Plant Parasitic Nematode Control
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reising, Echington, Barnard, Perry & Milton
; STREET: P.O. Box 4390
; CITY: Troy
; STATE: Michigan
; COUNTRY: USA
; ZIP: 48099
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,790
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/988,954
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,995
; REFERENCE/DOCKET NUMBER: P-338 (UDL)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 689-3500
; TELEFAX: (810) 689-4071
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
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TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-356-790-9

Query Match 0.2%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 7.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4460 GGAATTTTCTGATCCCA 4481  
Db 3 GGCGCGCTTTTCTTTT 24

RESULT 427  
US-09-360-545-100/c  
Sequence 100, Application US/09360545  
Patent No. 6429014  
GENERAL INFORMATION:  
APPLICANT: Croceau, Rodney B  
APPLICANT: Bohlmann, Jorg  
APPLICANT: Steele, Christopher L  
TITLE OF INVENTION: MONOTERPENE SYNTHASES FROM GRAND FIR (ABIES GRANDIS)  
FILE REFERENCE: waur13885  
CURRENT APPLICATION NUMBER: US/09/360,545  
EARLIER FILING DATE: 1999-07-26  
EARLIER APPLICATION NUMBER: 60/052,249  
EARLIER FILING DATE: 1997-11-07  
EARLIER APPLICATION NUMBER: PCT/US98/14528  
NUMBER OF SEQ ID NOS: 107  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 100  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (1)..(24)  
OTHER INFORMATION: Mutagenesis primer 3elBamHI  
US-09-360-545-100

Query Match 0.2%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 7.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 7258 GAAATGCTCTGATCCCA 7279  
Db 24 GAAATGCTATGATCCCAA 3

RESULT 428  
US-09-360-545-101  
Sequence 101, Application US/09360545  
Patent No. 6429014  
GENERAL INFORMATION:  
APPLICANT: Croceau, Rodney B  
APPLICANT: Bohlmann, Jorg  
APPLICANT: Steele, Christopher L  
TITLE OF INVENTION: MONOTERPENE SYNTHASES FROM GRAND FIR (ABIES GRANDIS)  
FILE REFERENCE: waur13885  
CURRENT APPLICATION NUMBER: US/09/360,545  
EARLIER FILING DATE: 1999-07-26  
EARLIER APPLICATION NUMBER: 60/052,249  
EARLIER FILING DATE: 1997-11-07  
EARLIER APPLICATION NUMBER: PCT/US98/14528  
NUMBER OF SEQ ID NOS: 107

SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 101  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:  
OTHER INFORMATION: oligonucleotide  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)..(24)  
OTHER INFORMATION: Mutagenesis primer 3elBamHI  
US-09-360-545-101

Query Match 0.2%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 7.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 7258 GAAATGCTCTGATCCCA 7279  
Db 1 GAAATGCTATGATCCCAA 22

RESULT 429  
US-09-496-632C-11  
Sequence 11, Application US/09496632C  
Patent No. 6468789  
GENERAL INFORMATION:  
APPLICANT: BAYSAL, Bora E.  
APPLICANT: FERRELL, Robert E.  
APPLICANT: DEVLIN, Bernie J.  
APPLICANT: WILBERT-BROZICK, Joan E.  
TITLE OF INVENTION: OXYGEN SENSING AND HYPOXIC SELECTION FOR TUMORS  
FILE REFERENCE: 99-484-US  
CURRENT APPLICATION NUMBER: US/09/496,632C  
CURRENT FILING DATE: 2000-02-02  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 11  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-496-632C-11

Query Match 0.2%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 7.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 6064 TTTTCTAATCTGTTCTTTT 6085  
Db 2 TTTATGAATCTGTTCTTTT 23

RESULT 430  
US-09-496-632C-12  
Sequence 12, Application US/09496632C  
Patent No. 6468789  
GENERAL INFORMATION:  
APPLICANT: BAYSAL, Bora E.  
APPLICANT: FERRELL, Robert E.  
APPLICANT: DEVLIN, Bernie J.  
APPLICANT: WILBERT-BROZICK, Joan E.  
TITLE OF INVENTION: OXYGEN SENSING AND HYPOXIC SELECTION FOR TUMORS  
FILE REFERENCE: 99-484-US  
CURRENT APPLICATION NUMBER: US/09/496,632C  
CURRENT FILING DATE: 2000-02-02  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 12  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-496-632C-12

Query Match 0.2%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 7.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6064 TTTTCTAATCTGTTCTTTT 6085  
DB 2 TTTTATGATCTGTCTTTT 23

RESULT 431  
US-09-380-420C-11  
Sequence 11, Application US/09380420C  
Patent No. 6300544  
GENERAL INFORMATION:  
APPLICANT: Halkier, Barbara  
Kahn, Soren  
Moller, Birger  
TITLE OF INVENTION: Cytochrome P450 Monooxygenases  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Syngenta Patent Dept.  
STREET: 3054 Cornwallis Road  
CITY: RTP  
STATE: NC  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/380,420C  
FILING DATE: 12-No. 6300544-1999  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: S-21251A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-541-8587  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
US-09-380-420C-11

Query Match 0.2%; Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 8.5e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTCTTTTCTTTT 4481  
DB 3 GGATCCTTTTCTTTTCTTTT 24

RESULT 432  
US-09-899-642A-11  
Sequence 11, Application US/09899642A  
Patent No. 6649814  
GENERAL INFORMATION:  
APPLICANT: Halkier, Barbara  
Kahn, Soren  
Moller, Birger  
TITLE OF INVENTION: Cytochrome P450 Monooxygenases  
NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Syngenta Patent Dept.  
STREET: 3054 Cornwallis Road  
CITY: RTP  
STATE: NC  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/899,642A  
FILING DATE: 05-Jul-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/380,420  
FILING DATE: 12-No. 6649814-1999  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: S-21251A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-541-8587  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
US-09-899-642A-11

Query Match 0.2%; Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 8.5e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTCTTTTCTTTT 4481  
DB 3 GGATCCTTTTCTTTTCTTTT 24

RESULT 433  
US-09-866-108A-13906  
Sequence 13906, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David R.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669



;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecmeca Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 13906  
;; LENGTH: 25  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-13906

Query Match 0.2%; Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 8.5e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5542 GGTGGTGCATGCAGATGGAGAA 5563  
DB 4 GCGGTCATGCAGCTGGAGAA 25

RESULT 434  
US-08-632-575B-7  
;; Sequence 7, Application US/08632575B  
;; Patent No. 5843660  
;; GENERAL INFORMATION:  
;; APPLICANT: Schumm, James W.  
;; TITLE OF INVENTION: Multiplex Amplification of  
;; TITLE OF INVENTION: Short Tandem Repeat Loci  
;; NUMBER OF SEQUENCES: 61  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Promega Corporation  
;; STREET: 2800 Woods Hollow Road  
;; CITY: Madison  
;; STATE: Wisconsin  
;; COUNTRY: U.S.A.  
;; ZIP: 53711-5399  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB  
;; COMPUTER: IBM compatible PC  
;; OPERATING SYSTEM: DOS, version 6.0  
;; SOFTWARE: WordPerfect 5.1 (DOS text format)  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/632,575B  
;; FILING DATE: 04/15/96  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/316,544  
;; FILING DATE: 09/30/94  
;; INFORMATION FOR SEQ ID NO: 7:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 26  
;; TYPE: Nucleic Acid  
;; STRANDEDNESS: Single  
;; TOPOLOGY: Linear  
;; POSITION IN GENOME:  
;; MAP POSITION: D3S1539  
US-08-632-575B-7

Query Match 0.2%; Score 17.2; DB 1; Length 26;  
Best Local Similarity 86.4%; Pred. No. 9.2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5329 TCTCTTGGCTCATCTCTCCA 5350  
DB 1 TCTCTTGCATTAATCTCTCCA 22

RESULT 435  
US-08-747-536-17  
;; Sequence 17, Application US/08747536  
;; Patent No. 5968737  
;; GENERAL INFORMATION:  
;; APPLICANT: Ali-Osman, Francis  
;; APPLICANT: Lopez-Berestein, Gabriel  
;; APPLICANT: Buolamwini, John  
;; APPLICANT: Antoun, Gamil  
;; APPLICANT: Lo, Hui-Wen  
;; APPLICANT: Keller, Charles  
;; APPLICANT: Akande, Olanike  
;; TITLE OF INVENTION: GLUTATHIONE S-TRANSFERASE (GST) GENES IN  
;; TITLE OF INVENTION: CANCER  
;; NUMBER OF SEQUENCES: 42  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Arnold, White & Durkee  
;; STREET: P.O. Box 4433  
;; CITY: Houston  
;; STATE: Texas  
;; COUNTRY: USA  
;; ZIP: 77210  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/747,536  
;; FILING DATE: Concurrently Herewith  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Highlander, Steven L.  
;; REGISTRATION NUMBER: 37,642  
;; REFERENCE/DOCKET NUMBER: UTXC:492  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 512/418-3000  
;; TELEFAX: 512/474-7577  
;; INFORMATION FOR SEQ ID NO: 17:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 26 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-747-536-17

Query Match 0.2%; Score 17.2; DB 1; Length 26;  
Best Local Similarity 86.4%; Pred. No. 9.2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2655 CCTGGTGACAGAGCATGAC 2676  
DB 5 CCTGGTGACATGATGATGAC 26

RESULT 436  
US-09-199-542B-7  
;; Sequence 7, Application US/09199542B  
;; Patent No. 6479235  
;; GENERAL INFORMATION:  
;; APPLICANT: Schumm, James W.  
;; APPLICANT: Sprecher, Cynthia J.  
;; TITLE OF INVENTION: Multiplex Amplification of Short Tandem Repeat Loci  
;; FILE REFERENCE: 16026/9212  
;; CURRENT APPLICATION NUMBER: US/09/199,542B  
;; CURRENT FILING DATE: 1998-11-25  
;; PRIOR APPLICATION NUMBER: US 08/316,544  
;; PRIOR FILING DATE: 1994-09-30  
;; PRIOR APPLICATION NUMBER: US 08/632,575  
;; PRIOR FILING DATE: 1996-04-15  
;; NUMBER OF SEQ ID NOS: 110  
;; SOFTWARE: Word97 (converted to DOS text format)  
;; SEQ ID NO 7

```
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapien
; LOCATION: D3S1539
US-09-199-542B-7

Query Match
Best Local Similarity 86.4%; Pred. No. 9.2e+02; Length 26;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5329 TCTCTTGCTCACTCTCTCCA 5350
Db 1 TCTCTTCATCTCTCTCCA 22

RESULT 437
US-09-725-265-11/c
; Sequence 11, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIY
; CURRENT APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-11

Query Match
Best Local Similarity 73.3%; Pred. No. 1.2e+03; Length 30;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAATGTATT 4047
Db 30 AAAAAAAAAAGAAAAAAATATATAT 1

RESULT 438
US-09-725-265-13/c
; Sequence 13, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIY
; CURRENT APPLICATION NUMBER: US/09/725,265
```

```
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-13

Query Match
Best Local Similarity 73.3%; Pred. No. 1.2e+03; Length 30;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAATGTATT 4047
Db 30 AAAAAAAAAAGAAAAAAATATATAT 1

RESULT 439
US-09-061-026-26/c
; Sequence 26, Application US/09061026
; Patent No. 6077934
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, Richard
; APPLICANT: Olivera, Baldomero M.
; TITLE OF INVENTION: Contryphan Peptides
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rotwell, Figg, Ernst & Kurtz, P.C.
; STREET: 755 Thirteenth Street N.W., Suite 701-E
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/061,026
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/068,737
; FILING DATE: 24-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 2314-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-061-026-26

Query Match
Best Local Similarity 73.3%; Pred. No. 1.4e+03; Length 33;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
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```

OY      4012 AAATGAGAAAAAGAGAGAAAAACAATG 4041
Db      32 AAAAAAAAAAAAAAAAAAAAAAAAAAAG 3

RESULT 440
US-09-466-138-26/c
; Sequence 26, Application US/09466138
; Patent No. 6153738
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, Richard
; APPLICANT: Oliveira, Baidomero M.
; TITLE OF INVENTION: Contryphan Peptides
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rochwell, Figs, Ernst & Kurz, P.C.
; STREET: 755 Thirteenth Street N.W., Suite 701-E
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/466,138
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/061,026
; FILING DATE:
; APPLICATION NUMBER: US 60/068,737
; FILING DATE: 24-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 2314-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-466-138-26

Query Match      0.2%; Score 17.2; DB 1; Length 33;
Beet Local Similarity 73.3%; Pred.No. 1.4e+03;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0.

OY      4012 AAATGAGAAAAAGAGAGAAAAACAATG 4041
Db      32 AAAAAAAAAAAAAAAAAAAAAAAAAAAG 3

RESULT 441
US-08-851-843A-132
; Sequence 132, Application US/08851843A
; Patent No. 6093809
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morlin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.

```

```

1 TITLE OF INVENTION: No. 6093809e1 Telomerase
2
3 NUMBER OF SEQUENCES: 225
4
5 CORRESPONDENCE ADDRESS:
6 ADDRESS: Townsend and Townsend and Crew LLP
7 STREET: Two Embarcadero Center, 8th Floor
8 CITY: San Francisco
9 STATE: California
10 COUNTRY: United States of America
11 ZIP: 94111
12
13 COMPUTER READABLE FORM:
14 MEDIUM TYPE: Floppy disk
15 COMPUTER: IBM PC compatible
16 OPERATING SYSTEM: PC-DOS/MS-DOS
17 SOFTWARE: PatentIn Release #1.0, Version #1.30
18
19 CURRENT APPLICATION DATA:
20 APPLICATION NUMBER: US/08/851,843A
21 FILING DATE: 06-MAY-1997
22 CLASSIFICATION:
23
24 PRIOR APPLICATION DATA:
25 APPLICATION NUMBER: US 08/846,017
26 FILING DATE: 25-APR-1997
27 CLASSIFICATION:
28
29 PRIOR APPLICATION DATA:
30 APPLICATION NUMBER: US 08/844,419
31 FILING DATE: 18-APR-1997
32 CLASSIFICATION:
33
34 PRIOR APPLICATION DATA:
35 APPLICATION NUMBER: US 08/724,643
36 FILING DATE: 01-OCT-1996
37 CLASSIFICATION:
38
39 ATTORNEY/AGENT INFORMATION:
40 NAME: Apple, Randolph T.
41 REGISTRATION NUMBER: 36,429
42 REFERENCE/DOCKET NUMBER: 015389-002930US
43 TELECOMMUNICATION INFORMATION:
44 TELEPHONE: (415) 576-0200
45 TELEFAX: (415) 576-0300
46 INFORMATION FOR SEQ ID NO: 132:
47 SEQUENCE CHARACTERISTICS:
48 LENGTH: 17 base pairs
49 TYPE: nucleic acid
50 STRANDEDNESS: single
51 TOPOLOGY: linear
52
53 US-08-851-843A-132
54
55 Query Match 0.2%; Score 17; DB 1; Length 17;
56 Best Local Similarity 100.0%; Pred. NO. 4.2e+02;
57 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0
58
59 QY 4464 TTTTTTTTTTTTTTTTTT 4480
60 |||||||
61 1 TTTTTTTTTTTTTTTTTT 17
62
63 RESULT 442
64 US-09-250-075-5
65 Sequence 5, Application US/09250075
66 Patent No. 6207819
67
68 GENERAL INFORMATION:
69 APPLICANT: Manoharan, Muthiah
70 APPLICANT: Maier, Martin A
71 TITLE OF INVENTION: Compounds Processes and Intermediates For Synthesis Of
72 FILE REFERENCE: ISI83299
73 CURRENT APPLICATION NUMBER: US/09/250,075
74 NUMBER OF SEQ ID NOS: 12
75 SOFTWARE: PatentIn Ver. 2.1
76
77 SEQ ID NO 5
78 LENGTH: 17
79 TYPE: DNA
80 ORGANISM: Artificial Sequence
81 FEATURE:

```

```

; NAME/KEY: misc_feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); modified linkage
; OTHER INFORMATION: Description of Artificial Sequence: No. 620781991
; OTHER INFORMATION: Sequence
; OS-09-250-075-5

```

Query Match	0.2%	Score 17	DB 1	Length 17
Best Local Similarity	100.0%	Pred. No.	4.2e+02	
Matches 17	Conservative 0	Mismatches 0	Indels 0	Gaps 0

QY	4464	4480
Db	1	17

RESULT 443  
US-08-854-050-132  
; Sequence 132, Application US/08854050  
Date: 08/08/2008

? GENERAL INFORMATION :  
 ? APPLICANT: Cech, Thomas R.  
 ? APPLICANT: Lingner, Joachim  
 ? APPLICANT: Nakamura, Toru  
 ? APPLICANT: Nakamura, Karen B.  
 ? APPLICANT: Morin, Gregg B.  
 ? APPLICANT: Hartley, Calvin  
 ? APPLICANT: Andrews, William H.  
 ? TITLE OF INVENTION: No. 6261836el Telomerase  
 ? NUMBER OF SEQUENCES: 225  
 ? CORRESPONDENCE ADDRESS :  
 ?

ADDRESS: Townsend and Crew Ltd  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:

```

? MEDIUM TYPE: floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: PatentIn Release #1.0, Version #1.3
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/854,050
?

```

? FILING DATE: 05-MAY-1997  
 ? CLASSIFICATION: 536  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: US 08/851,843  
 ? FILING DATE: 06-MAY-1997  
 ? CLASSIFICATION: 536  
 ? PRIOR APPLICATION DATA:

? APPLICATION NUMBER: US 08/836,011  
 ? FILING DATE: 25-APR-1997  
 ? CLASSIFICATION: 536  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: US 08/844,419  
 ? FILING DATE: 18-APR-1997  
 ? CLASSIFICATION: 536

1 PRIOR APPLICATION DATA:  
2 APPLICATION NUMBER: US 08/724,643  
3 FILING DATE: 01-OCT-1996  
4 CLASSIFICATION: 536  
5 ATTORNEY/AGENT INFORMATION:  
6 NAME: Apple, Randolph T.  
7 REGISTRATION NUMBER: 36,429

1 REFERENCES/DOCKETS: NUMBER: 013385-00293005  
 2  
 3 TELECOMMUNICATION INFORMATION:  
 4  
 5 TELEPHONE: (415) 576-0200  
 6  
 7 TELEFAX: (415) 576-0300  
 8  
 9 INFORMATION FOR SEQ ID NO: 132:  
 10  
 11 SEQUENCE CHARACTERISTICS:  
 12  
 13 LENGTH: 17 base pairs  
 14  
 15 TYPE: nucleic acid

```

; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-854-050-132

```

Query Match	0.2%	Score 17	DB 1	Length 17
Best Local Similarity	100.0%	Pred. No.	4.2e+02	
Matches 17	Conservative 0	Mismatches 0	Indels 0	Gaps 0

[illegible]

RESULT 444  
US-09-430-323-132  
; Sequence 132, Application US/09430323  
Date: 09/08/2009

1 GENERAL INFORMATION:  
2  
3 APPLICANT: Cecch, Thomas R.  
4 Linner, Joachim  
5 Nakamura, Toru  
6 Chapman, Karen B.  
7 Morin, Gregg B.  
8 Hatley, Calvin  
9 Andrews, William H.  
10  
11 TITLE OF INVENTION: No. 6309867e1 Telomerase  
12  
13 NUMBER OF SEQUENCES: 225  
14  
15 CORRESPONDENCE ADDRESS:  
16

ADDRESS: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111

```

? MEDIUM TYPE: floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patentin Release #1.0, Version #1.3
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/09/430.323
? FILING DATE: 29-Oct-1999

```

```

1 CLASSIFICATION: <unknown>
2
3 PRIOR APPLICATION DATA:
4
5 APPLICATION NUMBER: US 08/854,050
6
7 FILING DATE: 09-MAY-1997
8
9 APPLICATION NUMBER: US 08/851,843
10
11 FILING DATE: 06-MAY-1997
12
13 APPLICATION NUMBER: US 08/846,017
14
15

```

1 FILING DATE: 25-APR-1997  
2 APPLICATION NUMBER: US 08/844,419  
3 FILING DATE: 18-APR-1997  
4 APPLICATION NUMBER: US 08/724,643  
5 FILING DATE: 01-OCT-1996  
6  
7 ATTORNEY/AGENT INFORMATION:  
8 NAME: Apple, Randolph T.

7 REGISTRATION NUMBER: 36, 429  
 7 REFERENCE/DOCKET NUMBER: 015389-002930US  
 7 TELECOMMUNICATION INFORMATION:  
 7 TELEPHONE: (415) 576-0200  
 7 TELEFAX: (415) 576-0300  
 7 INFORMATION FOR SEQ ID NO: 132:  
 7 SEQUENCE CHARACTERISTICS:

```

/      LENGTH: 17 base pairs
/      TYPE: nucleic acid
/      STRANDEDNESS: single
/      TOPOLOGY: linear
;      SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-09-430-323-132

```

Query Match	0.2%	Score 17	DB 1	Length 17
Best Local Similarity	100.0%	Pred. No.	4.2e+02	
Matches 17; Conservative	0	Mismatches	0	Indels 0
				Gaps 0

QY 4464 TTTT TTTT TTTT TTTT 4480  
 DB 1 TTTT TTTT TTTT TTTT 17

RESULT 445  
 US-08-584-040-2549  
 ; Sequence 2549, Application US/08584040  
 ; Patent No. 6346398

GENERAL INFORMATION:  
 APPLICANT: Pavco, Pamela  
 APPLICANT: MGSWIGEN, James  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TITLE OF INVENTION: TREATMENT OF DISEASES OR  
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 NUMBER OF SEQUENCES: 8502  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB

COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/584,040  
 FILING DATE: January 11, 1996

CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/005,974  
 FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440

TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 2549:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

Query Match 0.2%; Score 17; DB 1; Length 17;  
 Best Local Similarity 11.8%; Pred. No. 4.2e+02;  
 Matches 2; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTT TTTT TTTT TTTT 4478  
 DB 1 ACTUUUUUUUUUUUUUU 17

RESULT 446

US-08-584-040-2550  
 ; Sequence 2550, Application US/08584040  
 ; Patent No. 6346398  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pavco, Pamela

APPLICANT: MGSWIGEN, James  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TITLE OF INVENTION: TREATMENT OF DISEASES OR  
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 NUMBER OF SEQUENCES: 8502  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB

COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/584,040  
 FILING DATE: January 11, 1996

CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/005,974  
 FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440

TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 2550:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

Query Match 0.2%; Score 17; DB 1; Length 17;  
 Best Local Similarity 5.9%; Pred. No. 4.2e+02;  
 Matches 1; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTT TTTT TTTT TTTT 4479  
 DB 1 CUUUUUUUUUUUUUUU 17

RESULT 447

US-09-619-103-23/c  
 ; Sequence 23, Application US/09619103  
 ; Patent No. 6429300  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kurz, Markus  
 ; APPLICANT: Lohse, Peter  
 ; APPLICANT: Wagner, Richard  
 ; TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
 ; FILE REFERENCE: 50036/031002  
 ; CURRENT APPLICATION NUMBER: US/09/619,103  
 ; PRIOR FILING DATE: 2000-07-19  
 ; PRIOR APPLICATION NUMBER: 60/145,834  
 ; NUMBER OF SEQ ID NOS: 26  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 23  
 ; LENGTH: 17

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-23

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 17;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4480
Db 17 TTTT TTTT TTTT TTTT TTTT 1

RESULT 448
US-09-726-096A-5
; Sequence 5, Application US/09726096A
; Patent No. 6462184
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
; FILE REFERENCE: IS164528
; CURRENT APPLICATION NUMBER: US/09/726,096A
; CURRENT FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc.feature
; LOCATION: (1)-(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorochioate
; OTHER INFORMATION: Internucleoside linkage
US-09-726-096A-5

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 17;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4480
Db 1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 449
US-09-371-772B-1073
; Sequence 1073, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH800,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1073

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1073

Query Match
Best Local Similarity 11.8%; Score 17; DB 1; Length 17;
Matches 2; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTT TTTT TTTT TTTT 4478
Db 1 ACUUUUUUUUUUUUUUUU 17

RESULT 450
US-09-371-772B-1074
; Sequence 1074, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH800,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1074

Query Match
Best Local Similarity 5.9%; Score 17; DB 1; Length 17;
Matches 1; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTT TTTT TTTT TTTT TTTT 4479
Db 1 CUUUUUUUUUUUUUUUUU 17

RESULT 451
US-09-637-751A-5
; Sequence 5, Application US/09637751A
; Patent No. 6383754
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; Patent No. 6383754
; FILE REFERENCE: AGU 100
; CURRENT APPLICATION NUMBER: US/09/637,751A
; CURRENT FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
```

US-09-637-751A-5

Query Match 0.2%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.8e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 4468 TTTTGTGTTTGG 4484  
1 TTTTGTGTTTGG 17

RESULT 452

US-08-973-857-6

; Sequence 6, Application US/08973857  
; Patent No. 6221584  
; GENERAL INFORMATION:  
; APPLICANT: EMRICH, Thomas  
; APPLICANT: LEYING, Hermann  
; APPLICANT: HINZPETER, Matthias  
; APPLICANT: KARL, Gerlinde  
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF  
; TITLE OF INVENTION: POLYMERASE ACTIVITY  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nikolaide, Marmelstein, Murray & Oram LLP  
; STREET: 655 Fifteenth St., NW  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-5701  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/973.857  
; FILING DATE: 29-DEC-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/EP96/05245  
; FILING DATE: 11-AUG-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE 19544317.9  
; FILING DATE: 28-NOV-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE 19644302.4  
; FILING DATE: 24-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Berman, Richard J.  
; REGISTRATION NUMBER: 39,107  
; REFERENCE/DOCKET NUMBER: P564-7031  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 638-5000  
; TELEFAX: (202) 638-4810  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-973-857-6

US-08-973-857-6

Query Match 0.2%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 4464 TTTTGTGTTTGG 4480  
1 TTTTGTGTTTGG 17

RESULT 453

US-09-198-452A-3717/C

; Sequence 3717, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Giffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev  
; TITLE OF INVENTION: and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198.452A  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 3717  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
; US-09-198-452A-3717

Query Match 0.2%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 5990 CTGTGTGAAGTCAGGA 6006  
19 CTGTGTGAAGTCAGGA 3

RESULT 454

US-08-704-966-7

; Sequence 7, Application US/08704966  
; Patent No. 6013523  
; GENERAL INFORMATION:  
; APPLICANT: Adang, Michael J.  
; APPLICANT: Rocheleau, Thomas A.  
; APPLICANT: Merlo, Donald  
; APPLICANT: Murray, Elizabeth E.  
; TITLE OF INVENTION: Synthetic Insecticidal Crystal Protein  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
; STREET: 1000 Legion Place, Suite 1750  
; CITY: Orlando  
; STATE: Florida  
; COUNTRY: USA  
; ZIP: 32801  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/704.966  
; FILING DATE: 29-AUG-1996  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/369,839  
; FILING DATE: 06-JAN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/057,191  
; FILING DATE: 03-MAY-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/827,844  
; FILING DATE: 28-JAN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/242,482  
; FILING DATE: 09-SEP-1988  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Lloyd, Jeff  
; REGISTRATION NUMBER: 35,589  
; REFERENCE/DOCKET NUMBER: MPS 8-88APD3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 407-426-7500

TELEPHONE: 407-426-7500

```
TELEFAX: 407-839-8589
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-704-966-7

Query Match      0.2%; Score 17; DB 1; Length 21;
Best Local Similarity 70.6%; Pred. No. 6.6e+02;
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      4468 TTTT TTTT TTTT TTTT TTTG 4484
DB      1 TTTT TTTT TTTT TTTT TTTG 17

RESULT 455
US-08-705-438-7
; Sequence 7, Application US/08705438
; Patent No. 6015891
; GENERAL INFORMATION:
; APPLICANT: Adang, Michael J.
; APPLICANT: Rocheleau, Thomas A.
; APPLICANT: Murray, Donald E.
; TITLE OF INVENTION: Synthetic Insecticidal Crystal Protein
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 1000 Legion Place, Suite 1750
; CITY: Orlando
; STATE: Florida
; COUNTRY: USA
; ZIP: 32801
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/705,438
; FILING DATE: 29-AUG-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/369,839
; FILING DATE: 06-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/057,191
; FILING DATE: 03-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,844
; FILING DATE: 28-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/242,482
; FILING DATE: 09-SEP-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Lloyd, Jeff
; REGISTRATION NUMBER: 35,589
; REFERENCE/DOCKET NUMBER: MPS 8-88APD4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 407-426-7500
; TELEFAX: 407-839-8589
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
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US-08-705-438-7

Query Match      0.2%; Score 17; DB 1; Length 21;
Best Local Similarity 70.6%; Pred. No. 6.6e+02;
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      4468 TTTT TTTT TTTT TTTT TTTG 4484
DB      1 TTTT TTTT TTTT TTTT TTTG 17

RESULT 456
US-09-866-108A-5298
; Sequence 5298, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5298
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5298

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      2523 CCGTTT CACGACGATGATGCTCCAG 2547
DB      1 CCGATC CACAGCTGCTCAGCTCCAG 25

RESULT 457
US-09-866-108A-5299
; Sequence 5299, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
```



```

; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5299
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5299

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      2524 CGTTTCACGACGATGAGCTCCACA 2548
Db      1   CGATTCACGCTGCTCAGCTCCACA 25

RESULT 458
US-09-866-108A-12696
; Sequence 12696, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12697
; LENGTH: 25
; TYPE: DNA
```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12696
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12696

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      7413 CAGCAGCAGCAGCAGCAGCAGCACA 7437
Db      1   CAGCTTCAGCAGCAGCTGAAGCAA 25

RESULT 459
US-09-866-108A-12697
; Sequence 12697, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12697
; LENGTH: 25
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
US-09-866-108A-12697

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGCAGCAGCA 7438
Db      1 AGCTTCAGCAGCAGCTGAMGCAAAA 25

RESULT 460
US-09-866-108A-13467/C
; Sequence 13467, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13467
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13467

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1749 GCTGCAGCTCATTTTGTCTGCTCG 1773
Db      25 GCATCAGCTCATTCAGCTCATCTCG 1

RESULT 461
US-08-291-011-10
; Sequence 10, Application US/08291011
; Patent No. 5936079
; GENERAL INFORMATION:
; APPLICANT: Re, Richard N.

; APPLICANT: Cook, Julia
; TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
; TITLE OF INVENTION: OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
; TITLE OF INVENTION: P53 PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,011
; FILING DATE: 15-AUG-1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Digilio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8515ZY
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-291-011-10

Query Match      0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTTTTGTCT 4487
Db      2 CCTTTTTCCTTTTCTTTCTTCT 26

RESULT 462
US-09-282-147-1
; Sequence 1, Application US/09282147
; Patent No. 6274147
; GENERAL INFORMATION:
; APPLICANT: VAKHARIA, Vikram
; APPLICANT: YAO, Kun
; TITLE OF INVENTION: METHOD FOR GENERATING NONPATHOGENIC, INFECTIOUS
; TITLE OF INVENTION: PANCREATIC NECROSIS VIRUS (IPNV) FROM SYNTHETIC RNA
; TITLE OF INVENTION: TRANSCRIPTS
; FILE REFERENCE: 8288-9023
; CURRENT APPLICATION NUMBER: US/09/282,147
; CURRENT FILING DATE: 1999-03-31
; EARLIER APPLICATION NUMBER: US/60/080,278
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: PCT/US97/12955
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-282-147-1
```

Query Match 0.2%; Score 17; DB 1; Length 26;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4463 CTTTCTTTTCTTTTCTTTTCT 4479  
Db 10 CTTTCTTTTCTTTTCTTTTCT 26

RESULT 463  
US-09-266-065-10  
Sequence 10, Application US/09266065  
GENERAL INFORMATION:  
APPLICANT: Re, Richard N.  
APPLICANT: Cook, Julia  
TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY  
TITLE OF INVENTION: OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/266,065  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/291,011  
FILING DATE: 15-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Digilio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 85152Y  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-266-065-10

Query Match 0.2%; Score 17; DB 1; Length 26;  
Best Local Similarity 80.0%; Pred. No. 1e+03;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4463 CTTTCTTTTCTTTTCTTTTCT 4487  
Db 2 CTTTCTTTTCTTTTCTTTTCT 26

RESULT 464  
US-09-538-709-415/C  
Sequence 415, Application US/09538709  
GENERAL INFORMATION:  
APPLICANT: Ulanovsky, et al  
TITLE OF INVENTION: SEQUENCE-DEPENDENT GENE SORTING TECHNIQUES

FILE REFERENCE: 540579-2006  
CURRENT APPLICATION NUMBER: US/09/538,709  
CURRENT FILING DATE: 2001-06-08  
NUMBER OF SEQ ID NOS: 1311  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 415  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-09-538-709-415

Query Match 0.2%; Score 17; DB 1; Length 26;  
Best Local Similarity 80.0%; Pred. No. 1e+03;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 6380 CTTCCCTAAAGCTCTAAGCCC 6404  
Db 26 CTTCCGACAAAGCTCTAAGTCCC 2

RESULT 465  
US-09-935-247-10  
Sequence 10, Application US/09935247  
Patent No. 6645944  
GENERAL INFORMATION:  
APPLICANT: Re, Richard N.  
Cook, Julia  
TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY  
OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR  
P53 PROTEIN  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/935,247  
FILING DATE: 22-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/266,065  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Digilio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 85152Y  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-09-935-247-10

Query Match 0.2%; Score 17; DB 1; Length 26;  
Best Local Similarity 80.0%; Pred. No. 1e+03;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

```
Qy      4463 CTTTTTTTTTTTTTTTTTGTCT 4487
          ||||| ||||| ||||| |||||
Db      2 CTTTTTCTTTTTTTCTTTTCT 26
          ||||| ||||| ||||| |||||

RESULT 466
US-09-725-265-10/c
; Sequence 10, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 19953US0XDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-10

Query Match      0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4018 AGAAAAAGAGAAAAACAATGT 4042
          ||||| ||||| ||||| |||||
Db      29 AAAAAAAAAAGAAAAAAATAT 5
          ||||| ||||| ||||| |||||

RESULT 467
US-09-725-265-12/c
; Sequence 12, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 19953US0XDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 30
```

```
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-12

Query Match      0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4018 AGAAAAAGAGAAAAACAATGT 4042
          ||||| ||||| ||||| |||||
Db      29 AAAAAAAAAAGAAAAAAATAT 5
          ||||| ||||| ||||| |||||

RESULT 468
US-09-268-505B-13/c
; Sequence 13, Application US/09268505B
; Patent No. 6316192
; GENERAL INFORMATION:
; APPLICANT: Luo, Jianhua
; TITLE OF INVENTION: Method for Enrichment of Unique DNA Fragments
; TITLE OF INVENTION: through Cyclical Removal of PCR Adapter Attached to DNA
; TITLE OF INVENTION: Fragments Whose Sequences Are Shared Between Two DNA Pools
; FILE REFERENCE: 3-11-99
; CURRENT APPLICATION NUMBER: US/09/268,505B
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: none
; PRIOR FILING DATE: N/A
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Microsoft word
; SEQ ID NO 13
; LENGTH: 31
; TYPE: DNA
; ORGANISM: synthetic
; FEATURE:
; NAME/KEY: oligo d(T)
; LOCATION:
US-09-268-505B-13

Query Match      0.2%; Score 17; DB 1; Length 31;
Best Local Similarity 72.4%; Pred. No. 1.4e+03;
Matches 21; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

Qy      4011 TAAATGAGAAAAAGAGAAAAACAAA 4039
          :|||: ||||| ||||| |||||
Db      31 BAAAAAAAAAAAAAAAAAAAAAAA 3
          ||||| ||||| ||||| |||||

RESULT 469
US-08-568-271-1/c
; Sequence 1, Application US/08568271
; Patent No. 5800990
; GENERAL INFORMATION:
; APPLICANT: RAYNOLDS, MARY V.
; APPLICANT: PERRYMAN, M. BENJA
; TITLE OF INVENTION: ANGIOTENSIN-CONVERTING ENZYME GENETIC
; TITLE OF INVENTION: VARIANT SCREENS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: DILWORTH & BARRESE
; STREET: 4350 LA JOLLA VILLAGE DRIVE, SUITE 300
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: U.S.A.
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/568,271
```

```

; FILING DATE: 06-DEC-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: PEPPER PH.D., FREDERICK W.
; REGISTRATION NUMBER: 31,286
; REFERENCE/DOCKET NUMBER: 491-7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4410
; TELEFAX: 619-453-2839
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-568-271-1

Query Match      0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      7415 GCAGCAGCAGCAGCAGCAGC 7434
Db      20 GCAGCAGCAGCAGCAGCAGC 1

RESULT 470
US-09-661-753-35
; Sequence 35, Application US/09661753
; Patent No. 6436909
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
; FILE REFERENCE: ISPH-0498
; CURRENT APPLICATION NUMBER: US/09/661,753
; CURRENT FILING DATE: 2000-09-14
; EARLIER APPLICATION NUMBER: 60/154,546
; EARLIER FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-35

Query Match      0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      7415 GCAGCAGCAGCAGCAGCAGC 7434
Db      1 GTACGACGACGCGCGCAGC 20

RESULT 471
US-09-723-368-5
; Sequence 5, Application US/09723368
; Patent No. 6641818
; GENERAL INFORMATION:
; APPLICANT: NORTHWESTERN UNIVERSITY
; APPLICANT: SEAR, Patricia G.
; APPLICANT: WARNER, Morgan S.
; APPLICANT: GERAGHTY, Robert G.
; APPLICANT: MARTINEZ, Wanda M.
; APPLICANT: MONTGOMERY, Rebecca I.
; APPLICANT: COHEN, Gary H.
; APPLICANT: EISENBERG, Roselyn J.
; APPLICANT: WHITEBECK, Charles J.
; APPLICANT: KRUMENACHER, Claude
```

```

; APPLICANT: UNIVERSITY OF PENNSYLVANIA
; TITLE OF INVENTION: CELLULAR PROTEINS WHICH MEDIATE HERPESVIRUS ENTRY
; FILE REFERENCE: 200290.0050/201
; CURRENT APPLICATION NUMBER: US/09/723,368
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: U.S. 60/087,862
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: PCT/US99/12235
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer PRR2A8
US-09-723-368-5

Query Match      0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      7414 AGCAGCAGCAGCAGCAGCAG 7433
Db      1 AGAAGCAGCAGCAGCAGCAGC 20

RESULT 472
US-09-056-285A-30
; Sequence 30, Application US/09056285A
; Patent No. 6403307
; GENERAL INFORMATION:
; APPLICANT: Stone, Edwin M.
; APPLICANT: Sheffield, Val C.
; APPLICANT: Alward, Wallace L.M.
; TITLE OF INVENTION: GLAUCOMA THERAPEUTICS AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/056,285A
; FILING DATE: 07-Apr-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: UIA-010.28
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-09-056-285A-30

Query Match      0.2%; Score 16.8; DB 1; Length 22;
```

Best Local Similarity 90.0%; Pred. No. 7.8e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

Qy      5597 TTTGGTTTAAGTGGTGCTTC 5616
          |||||
Db      2 TATGGATTAACTGGTGCTTC 21

```

```

1      RESULT 473
2      US-08-068-945A-25/c
3      ? Sequence 25, Application US/08068945A
4      ? Patent No. 5616483
5      ? GENERAL INFORMATION:
6      ? APPLICANT: Bjursell, Gunnar
7      ? APPLICANT: Carlsson, Peter
8      ? APPLICANT: Enerback, Sven
9      ? APPLICANT: Hansson, Lemnart
10     ? APPLICANT: Lidberg, Ulf
11     ? APPLICANT: Nilsson, Jeanette
12     ? APPLICANT: Tornell, Jan
13     ? TITLE OF INVENTION: New DNA Sequences
14     ? NUMBER OF SEQUENCES: 58
15     ? CORRESPONDENCE ADDRESS:
16     ? ADDRESSEE: White & Case
17     ? STREET: 1155 Avenue of the Americas
18     ? CITY: New York
19     ? STATE: New York
20     ? COUNTRY: United States
21     ? ZIP: 10036-2787
22     ? COMPUTER READABLE FORM:
23     ? MEDIUM TYPE: Floppy disk
24     ? COMPUTER: IBM PC compatible
25     ? OPERATING SYSTEM: PC-DOS/MS-DOS
26     ? SOFTWARE: PatentIn Release #1.0, Version #1.25
27     ? CURRENT APPLICATION DATA:
28     ? APPLICATION NUMBER: US/08/068,945A
29     ? FILING DATE: 27-MAY-1993
30     ? CLASSIFICATION: 435
31     ? PRIOR APPLICATION DATA:
32     ? APPLICATION NUMBER: SE 9201809-2
33     ? FILING DATE: 11-JUN-1992
34     ? PRIOR APPLICATION DATA:
35     ? APPLICATION NUMBER: SE 9201826-6
36     ? FILING DATE: 12-JUN-1992
37     ? PRIOR APPLICATION DATA:
38     ? APPLICATION NUMBER: SE 9202088-2
39     ? FILING DATE: 03-JUL-1992
40     ? PRIOR APPLICATION DATA:
41     ? APPLICATION NUMBER: SE 9300902-5
42     ? FILING DATE: 19-MAR-1993
43     ? ATTORNEY/AGENT INFORMATION:
44     ? NAME: Sterner, Richard J.
45     ? REGISTRATION NUMBER: 35,372
46     ? REFERENCE/DOCKET NUMBER: 1103326-052
47     ? TELECOMMUNICATION INFORMATION:
48     ? TELEPHONE: (212)819-8783
49     ? TELEFAX: (212)354-8113
50     ? INFORMATION FOR SEQ ID NO: 25:
51     ? SEQUENCE CHARACTERISTICS:
52     ? LENGTH: 23 base pairs
53     ? TYPE: nucleic acid
54     ? STRANDEDNESS: single
55     ? TOPOLOGY: linear
56     ? MOLECULE TYPE: DNA (genomic)
57     ? US-08-068-945A-25

```

Query Match	0.2%	Score 16.8	DB 1	Length 23
Best Local Similarity	90.0%	Pred. No. 8.6e+02		
Matches 10	Conservative 0	Mismatches 2	Indels 0	Gaps 0

QY	3620	ATGGCGTGGGGGTGGAGAG	3639
Db	22	ATGGCGTGGGGTGGAGAG	3

```

1      RESULT 474
2      US-08-442-806-25/c
3      Sequence 25, Application US/08442806
4      Patent No. 5716817
5      GENERAL INFORMATION:
6      APPLICANT: Bjursell, Gunnar
7      APPLICANT: Carlsson, Peter
8      APPLICANT: Ernback, Sven
9      APPLICANT: Hansson, Lemnat
10     APPLICANT: Lidberg, Ulf
11     APPLICANT: Nilsson, Jeanette
12     APPLICANT: Tonnell, Jan
13     TITLE OF INVENTION: Genomic DNA Sequences
14     TITLE OF INVENTION: Encoding Human BSSU/CEL
15     NUMBER OF SEQUENCES: 58
16     CORRESPONDENCE ADDRESS:
17     ADDRESSEE: White & Case
18     STREET: 1155 Avenue of the Americas
19     CITY: New York
20     STATE: New York
21     COUNTRY: United States
22     ZIP: 10036-2787
23     COMPUTER READABLE FORM:
24     MEDIUM TYPE: Floppy disk
25     COMPUTER: IBM PC compatible
26     OPERATING SYSTEM: PC-DOS/MS-DOS
27     SOFTWARE: Patentin Release #1.0, Version
28     CURRENT APPLICATION DATA:
29     APPLICATION NUMBER: US/08/442,806
30     FILING DATE:
31     CLASSIFICATION: 435
32     PRIOR APPLICATION DATA:
33     APPLICATION NUMBER: US 08/068,945
34     FILING DATE: 27-MAY-1993
35     CLASSIFICATION: 435
36     PRIOR APPLICATION DATA:
37     APPLICATION NUMBER: SE 9201809-2
38     FILING DATE: 11-JUN-1992
39     PRIOR APPLICATION DATA:
40     APPLICATION NUMBER: SE 9201826-6
41     FILING DATE: 12-JUN-1992
42     PRIOR APPLICATION DATA:
43     APPLICATION NUMBER: SE 9202088-2
44     FILING DATE: 03-JUL-1992
45     PRIOR APPLICATION DATA:
46     APPLICATION NUMBER: SE 9300902-5
47     FILING DATE: 19-MAR-1993
48     ATTORNEY/AGENT INFORMATION:
49     NAME: Steiner, Richard J.
50     REGISTRATION NUMBER: 35,372
51     REFERENCE/DOCKET NUMBER: 1103326-052
52     TELECOMMUNICATION INFORMATION:
53     TELEPHONE: (212)819-8783
54     TELEFAX: (212)354-8113
55     INFORMATION FOR SEQ ID NO: 25:
56     SEQUENCE CHARACTERISTICS:
57     LENGTH: 23 base pairs
58     TYPE: nucleic acid
59     STRANDEDNESS: single
60     TOPOLOGY: linear
61     MOLECULE TYPE: DNA (genomic)
62     US-08-442-806-25

```

Query Match 0.2%; Score 16.8; DB 1; Length 23;  
Best Local Similarity 90.0%; Pred. No. 8.6e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3620 ATGGGCTGGGGCTGGGAGAG 3639  
|||||  
Db 22 ATGGGCTCTGGCTGGGAGAG 3

RESULT 475  
US-08-161-281A-10  
; Sequence 10, Application US/08161281A  
; Patent No. 5639595  
; GENERAL INFORMATION:  
; APPLICANT: Mirabelli, Christopher K., Vickers, Timothy A., Ecker, David  
; APPLICANT: J., Robertson, Debra  
; TITLE OF INVENTION: Identification of No. 5639595el Drugs and Reagents  
; NUMBER OF SEQUENCES: 22  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn  
; ADDRESSEE: Kurtz Maciewicz & No. 5639595rie  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/161.281A  
; FILING DATE: Herewith  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/517.240  
; FILING DATE: 01-MAY-1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Rebecca Ralph Gaumond  
; REGISTRATION NUMBER: 35,152  
; REFERENCE/DOCKET NUMBER: 151S-0861  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 25  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-161-281A-10  
Query Match 0.2%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 4463 CTTTCTTTTCTTTTCTTTT 4482  
Db 6 CTGTGGTAACTGTTCTT 25  
RESULT 476  
US-08-648-709-4  
; Sequence 4, Application US/08648709  
; Patent No. 6045996  
; GENERAL INFORMATION:  
; APPLICANT: Cronin, Maureen T.  
; APPLICANT: Miyada, Charles Garrett  
; APPLICANT: Trulsson, Mark  
; APPLICANT: Gingeras, Thomas R.  
; APPLICANT: McGall, Glenn  
; APPLICANT: Robinson, Claire  
; APPLICANT: Smederud-Oval, Michelle  
; TITLE OF INVENTION: Hybridization Assays on Oligonucleotide  
; TITLE OF INVENTION: Arrays  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco

STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/648.709  
FILING DATE: 16-MAY-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/544,381  
FILING DATE: 10-OCT-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/510,521  
FILING DATE: 02-AUG-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/12305  
FILING DATE: 26-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/284,064  
FILING DATE: 02-AUG-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/143,312  
FILING DATE: 26-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Storella, John R.  
REGISTRATION NUMBER: 32,944  
REFERENCE/DOCKET NUMBER: 16528X-018600  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-648-709-4  
Query Match 0.2%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 3547 TGGTGGTAACGATGCTT 3566  
Db 6 TGGTGGTAACGTTCTT 25  
RESULT 477  
US-09-010-641-34/C  
; Sequence 34, Application US/09010641  
; Patent No. 6121023  
; GENERAL INFORMATION:  
; APPLICANT: ROMANO, JOSEPH W.  
; APPLICANT: SHUTLIFF, ROXANNE  
; APPLICANT: WILLIAMS, KIMBERLY G.  
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION BASED ASSAY FOR  
; TITLE OF INVENTION: THE DETECTION AND QUANTIFICATION OF CHEMOKINES RANTES,  
; NUMBER OF SEQUENCES: 45  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: AKZO NOBEL PATENT DEPARTMENT  
; STREET: 1300 PICCARD DRIVE, SUITE 206  
; CITY: ROCKVILLE  
; STATE: MARYLAND  
; COUNTRY: USA  
; ZIP: 20850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/010,641  
FILING DATE: 22-JAN-1998  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: KLESNER, SHARON N.  
REGISTRATION NUMBER: 36,335  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 301-948-7400  
TELEFAX: 301-948-9751  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-010-641-34

Query Match 0.2%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5286 GCAGCCTCTACTCCGACCA 5305  
DB 22 GCAGCCTCTGCTCCGACCA 3

RESULT 478  
US-09-356-281-34/c  
Sequence 34, Application US/09356281  
Patent No. 6218154  
GENERAL INFORMATION:  
APPLICANT: ROMANO, JOSEPH W.  
APPLICANT: SHURTLIFF, ROXANNE  
APPLICANT: WILLIAMS, KIMBERLY G.  
TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION BASED ASSAY FOR  
TITLE OF INVENTION: THE DETECTION AND QUANTIFICATION OF CHEMOKINES RANTES,  
TITLE OF INVENTION: MIP-1ALPHA AND MIP-1BETA  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSER: AKZO NOBEL PATENT DEPARTMENT  
STREET: 1300 PICCARD DRIVE, SUITE 206  
CITY: ROCKVILLE  
STATE: MARYLAND  
COUNTRY: USA  
ZIP: 20850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/356,281  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/010,641  
FILING DATE: 22-JAN-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: KLESNER, SHARON N.  
REGISTRATION NUMBER: 36,335  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 301-948-7400  
TELEFAX: 301-948-9751  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-356-281-34

Query Match 0.2%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5286 GCAGCCTCTACTCCGACCA 5305  
DB 22 GCAGCCTCTGCTCCGACCA 3

RESULT 479  
US-09-393-389-4  
Sequence 4, Application US/09393389  
Patent No. 6632605  
GENERAL INFORMATION:  
APPLICANT: Cronin, Maureen T.  
Miyada, Charles Garrett  
Tulson, Mark  
Gingeras, Thomas R.  
McGall, Glenn  
Robinson, Claire  
Smedsrud-Oval, Michelle  
TITLE OF INVENTION: Hybridization Assays on Oligonucleotide  
Arrays  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/393,389  
FILING DATE: 10-Sep-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/648,709  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/510,521  
FILING DATE: 02-AUG-1995  
APPLICATION NUMBER: PCT/US94/12305  
FILING DATE: 26-OCT-1994  
APPLICATION NUMBER: US 08/284,064  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: US 08/143,312  
FILING DATE: 26-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Storella, John R.  
REGISTRATION NUMBER: 32,944  
REFERENCE/DOCKET NUMBER: 16528X-018600  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-393-389-4

Query Match 0.2%; Score 16.8; DB 1; Length 25;



Best Local Similarity 90.0%; Pred. No. 1e+03; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 2;

Oy 3547 TGTGGGTACCACTGCTT 3566  
Db 6 TGTGGGTACCACTGCTT 25

RESULT 480  
US-09-866-108A-13913  
Sequence 13913, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: A60MICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 1575  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 13913  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-13913

Query Match 0.2%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 1e+03; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 2;

Oy 5546 GTGCATCAGATGAGAAGT 5565  
Db 1 GTGCATGAGCTGGAGAAGT 20

RESULT 481  
US-08-433-505-9  
Sequence 9, Application US/08433505  
Patent No. 5695936  
GENERAL INFORMATION:  
APPLICANT: MANDRAND, Bernard  
APPLICANT: CROS, Philippe  
APPLICANT: DELAIR, Thierry  
APPLICANT: CHARLES, Marie-Helene  
APPLICANT: EROUT, Marie-No. 569593611e

APPLICANT: PICHOT, Christian  
APPLICANT: TONNELIER, Jean-Claude  
TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF  
TITLE OF INVENTION: A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: OLIFF & BERRIDGE  
STREET: P.O. Box 19928  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22320  
COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/433,505  
FILING DATE: 12-MAY-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: BERRIDGE, WILLIAM P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36349  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-433-505-9

Query Match 0.2%; Score 16.8; DB 1; Length 30;  
Best Local Similarity 75.0%; Pred. No. 1.4e+03; Indels 0; Gaps 0;  
Matches 21; Conservative 0; Mismatches 7;

Oy 4012 AAATGAGAAAAAGAGAGAAACAAA 4039  
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 482  
US-08-870-730-9  
Sequence 9, Application US/08870730  
Patent No. 6017707  
GENERAL INFORMATION:  
APPLICANT: MANDRAND, Bernard  
APPLICANT: CROS, Philippe  
APPLICANT: DELAIR, Thierry  
APPLICANT: CHARLES, Marie-Helene  
APPLICANT: PICHOT, Christian  
TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF  
TITLE OF INVENTION: A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: OLIFF & BERRIDGE, PLC  
STREET: P.O. Box 19928  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22320  
COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

```

; APPLICATION NUMBER: US/08/870,730
; FILING DATE: 06-JUN-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BERRIDGE, WILLIAM P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 36349A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-870-730-9

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 483
; US-09-083-123-3/C
; Sequence 3, Application US/09083123
; Patent No. 6326143
; GENERAL INFORMATION:
; APPLICANT: Seeger, Hendrik
; TITLE OF INVENTION: Method for Generating Multiple Stranded Nucleic
; FILE REFERENCE: sequence listing
; CURRENT APPLICATION NUMBER: US/09/083,123
; CURRENT FILING DATE: 1998-05-22
; EARLIER APPLICATION NUMBER: EP 95118600.6
; EARLIER FILING DATE: 1995-11-25
; EARLIER APPLICATION NUMBER: PCT/EP96/05149
; EARLIER FILING DATE: 1996-11-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: made by humans
; US-09-083-123-3

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      30 AAAAAAAAAAAAAAAAAAAAAAAAAA 3

RESULT 484
; US-09-083-123-7
; Sequence 7, Application US/09083123
; Patent No. 6326143
; GENERAL INFORMATION:
; APPLICANT: Orum, Hendrik
; TITLE OF INVENTION: Method for Generating Multiple Double Stranded Nucleic
; FILE REFERENCE: sequence listing
```

```

; CURRENT APPLICATION NUMBER: US/09/083,123
; CURRENT FILING DATE: 1998-05-22
; EARLIER APPLICATION NUMBER: EP 95118600.6
; EARLIER FILING DATE: 1995-11-25
; EARLIER APPLICATION NUMBER: PCT/EP96/05149
; EARLIER FILING DATE: 1996-11-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: made by humans
; US-09-083-123-7

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 485
; US-08-882-649A-10
; Sequence 10, Application US/08882649A
; Patent No. 6344316
; GENERAL INFORMATION:
; APPLICANT: Lockhart, David J.
; Chee, Mark
; Gunderson, Kevin
; Chaodiang, Lai
; Wodicka, Lisa
; Cronin, Maureen T.
; Lee, Danny
; Tran, Huu M.
; Matsuzaki, Hajime
; McCall, Glenn H.
; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,649A
; FILING DATE: 25-Jun-1997
; CLASSIFICATION: 435-006.000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/010,471
; FILING DATE: 23-JAN-1996
; APPLICATION NUMBER: US 60/035,170
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: PCT/US97/01603
; FILING DATE: 22-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-019410US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 10:
```

SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: YES  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-08-882-649A-10

Query Match 0.2%; Score 16.8; DB 1; Length 30;  
Best Local Similarity 75.0%; Pred. No. 1.4e+03;  
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAATGAGAAAAAGAGAAAAAACA 4039  
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 486  
US-09-686-597-26/c  
Sequence 26, Application US/09686597  
GENERAL INFORMATION:  
APPLICANT: Thomas M. BRENNAN  
APPLICANT: Francois CHATELAIN  
TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING  
TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY  
FILE REFERENCE: 58710010C9US02  
CURRENT APPLICATION NUMBER: US/09/686,597  
CURRENT FILING DATE: 2000-10-10  
PRIOR APPLICATION NUMBER: 60/158,315  
PRIOR FILING DATE: 1999-10-08  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 26  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-686-597-26

Query Match 0.2%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 9.3e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6735 CCTTCCTCTAAATCGATCA 6757  
Db 23 GCTTCTCTTACATGTGATCA 1

RESULT 487  
US-09-083-268-11/c  
Sequence 11, Application US/09083268  
Patent No. 6673535  
GENERAL INFORMATION:  
APPLICANT: Pulse, Stefan M  
TITLE OF INVENTION: NUCLEIC ACID ENCODING SPINOCREBELLAR  
TITLE OF INVENTION: ATAXIA-2 AND PRODUCTS RELATED THERETO  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mueiting, Raasch & Gebhardt, P.A.  
STREET: 119 No. 6673535th Fourth Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/083,268  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/727,084  
FILING DATE: 08-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: McCormack, Myra H  
REGISTRATION NUMBER: 36,602  
REFERENCE/DOCKET NUMBER: 232,00010101  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612/305-1220  
TELEFAX: 612/305-1228  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-083-268-11

Query Match 0.2%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 9.3e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7413 CAGCAGCAGCAGCAGCAGCA 7435  
Db 23 CTGAAGCCCGCAGCAGCAGCA 1

RESULT 488  
US-08-529-1908-22/c  
Sequence 22, Application US/085291908  
Patent No. 5833991  
GENERAL INFORMATION:  
APPLICANT: Masucci, Maria G.  
TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM  
NUMBER OF SEQUENCES: 76  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/529,1908  
FILING DATE: 15-SEP-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: SE9501324-9  
FILING DATE: 10-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US08/522,595  
FILING DATE: 01-SEP-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Ph. D., Kathleen A  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3255/53015  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-345-9100  
TELEFAX: 617-345-9111  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 bases

```

;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-529-1908-22

Query Match          0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3631 GTGGAGAGAGAGGTAGTGGGGA 3653
Db      24 GTGGCCGAGAGAGTAAAGTGGA 2

RESULT 489
US-08-663-639A-27
; Sequence 27, Application US/08663639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/663,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-663-639A-27

Query Match          0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAGCA 7435
Db      2 CCGCCGCGCGCGCAGCAGCAGCA 24

RESULT 490
US-09-157-210-4
; Sequence 4, Application US/09157210B
; Patent No. 6204003
; GENERAL INFORMATION:
; APPLICANT: Steele, J. Kevin
```

```

; APPLICANT: Telford, David L.
; APPLICANT: Cutting, John A.
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF FELINE
; TITLE OF INVENTION: INFECTIOUS ANEMIA
; FILE REFERENCE: SYMBIO.100A
; CURRENT APPLICATION NUMBER: US/09/157,210B
; CURRENT FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 60/059,551
; EARLIER FILING DATE: 1997-09-19
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Haemobartonella Felis
US-09-157-210-4

Query Match          0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5055 TCCTTACACAGTGCCTTAAAGG 5077
Db      2 TCCTTAGACAAGTAACTAAAGAG 24

RESULT 491
US-09-581-493-9
; Sequence 9, Application US/09581493
; Patent No. 6268153
; GENERAL INFORMATION:
; APPLICANT: Lizotte-Maniewski, Michelle
; APPLICANT: Williams, Steven A.
; TITLE OF INVENTION: Polymerase Chain Reaction Diagnostic
; TITLE OF INVENTION: Assays for the Detection of Dirofilaria immitis in Blood and
; TITLE OF INVENTION: Mosquitoes
; FILE REFERENCE: 64352
; CURRENT APPLICATION NUMBER: US/09/581,493
; CURRENT FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: PCT/US/98/27063
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 60/071,792
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/070,485
; PRIOR FILING DATE: 1998-01-05
; PRIOR APPLICATION NUMBER: 60/087,956
; PRIOR FILING DATE: 1998-06-04
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Dirofilaria immitis probe
US-09-581-493-9

Query Match          0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5359 TCAGCTGGGGCTGAATGCAAT 5381
Db      2 TCTGCTGTGGCTGAATGCAAT 24

RESULT 492
US-09-651-011A-5/C
; Sequence 5, Application US/09651011A
; Patent No. 6346416
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowbert
```

## TITLE OF INVENTION: ANTISENSE MODULATION OF HPK/GCK-LIKE KINASE EXPRESSION

FILE REFERENCE: RTS-0168  
CURRENT APPLICATION NUMBER: US/09/651,011A

CURRENT FILING DATE: 2000-08-29

NUMBER OF SEQ ID NOS: 49

SEQ ID NO 5

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR Primer

US-09-651-011A-5

## Query Match

Best Local Similarity 0.2%; Score 16.6; DB 1; Length 24;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1791 GTATCTGAGTGAACGTGTCG 1813

Db 24 GAATCAGAGTGGAACCTTGTG 2

## RESULT 493

US-08-484-557C-12/C

Sequence 12, Application US/08484557C

Patent No. 5693502

GENERAL INFORMATION:

APPLICANT: LARRY GOLD

APPLICANT: SUMEDHA JAYASENA

TITLE OF INVENTION: NUCLEIC ACID LIGAND

TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES

NUMBER OF SEQUENCES: 74

CORRESPONDENCE ADDRESS:

ADDRESSEE: Swanson and Bratschun, L.L.C.

STREET: 8400 East Prentice Avenue., Suite 200

CITY: Denver

STATE: Colorado

COUNTRY: USA

ZIP: 80111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/484,557C

FILING DATE: 7-JUNE-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/714,131

FILING DATE: 10-JUNE-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/536,428

FILING DATE: 11-JUNE-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/964,624

FILING DATE: 21-OCTOBER-1992

ATTORNEY/AGENT INFORMATION:

NAME: Diane Cruz

REGISTRATION NUMBER: 33,960

REFERENCE/DOCKET NUMBER: NEX43-3

TELECOMMUNICATION INFORMATION:

TELEPHONE: (303) 793-3333

TELEFAX: (303) 793-3433

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 25 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

US-08-484-557C-12

Query Match 0.2%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3669 CCAACAACTCCAGCCAGAAAG 3691

Db 24 CCAACAACTTCAGTCCAAAG 2

## RESULT 494

US-08-487-426B-12/C

Sequence 12, Application US/08487426B

Patent No. 5763173

GENERAL INFORMATION:

APPLICANT: LARRY GOLD

APPLICANT: SUMEDHA JAYASENA

TITLE OF INVENTION: NUCLEIC ACID LIGAND

TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES

NUMBER OF SEQUENCES: 74

CORRESPONDENCE ADDRESS:

ADDRESSEE: Swanson and Bratschun, L.L.C.

STREET: 8400 East Prentice Avenue., Suite 200

CITY: Denver

STATE: Colorado

COUNTRY: USA

ZIP: 80111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 8.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,426B

FILING DATE: 7-JUNE-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/714,131

FILING DATE: 10-JUNE-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/536,428

FILING DATE: 11-JUNE-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/964,624

FILING DATE: 21-OCTOBER-1992

ATTORNEY/AGENT INFORMATION:

NAME: Diane Cruz

REGISTRATION NUMBER: 33,960

REFERENCE/DOCKET NUMBER: NEX43-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (303) 793-3333

TELEFAX: (303) 793-3433

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 25 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

US-08-487-426B-12

Query Match 0.2%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3669 CCAACAACTCCAGCCAGAAAG 3691

Db 24 CCAACAACTTCAGTCCAAAG 2

## RESULT 495

US-08-487-720A-12/C

```
; Sequence 12, Application US/08487720A
; Patent No. 5874557
; GENERAL INFORMATION:
; APPLICANT: LARRY GOLD
; APPLICANT: SUMEDHA JAYASENA
; TITLE OF INVENTION: NUCLEIC ACID LIGAND
; TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson and Britschun, L.L.C.
; STREET: 8400 East Prentice Avenue, Suite 200
; CITY: Denver
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,720A
; FILING DATE: 7-JUNE-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/714,131
; FILING DATE: 10-JUNE-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/536,428
; FILING DATE: 11-JUNE-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/964,624
; FILING DATE: 21-OCTOBER-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Diane Cruz
; REGISTRATION NUMBER: 33,960
; REFERENCE/DOCKET NUMBER: NEX3-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3333
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-487-720A-12

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      3669 CCAACAACCTCCAGCAGAAG 3691
      |||||
Db      24 CCAACAACCTTCAGTCCAAAG 2
```

```
RESULT 496
US-09-528-760A-10
; Sequence 10, Application US/09528760A
; Patent No. 6312824
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Feldhaus, Andrew L.
; APPLICANT: Gao, Zeren
; TITLE OF INVENTION: Murine Interferon-Alpha
; FILE REFERENCE: 99-11
; CURRENT APPLICATION NUMBER: US/09/528,760A
; CURRENT FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,045
; PRIOR FILING DATE: 1999-03-18
```

```
; PRIOR APPLICATION NUMBER: 60/155,739
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PaeSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
; US-09-528-760A-10
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Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      1921 GGTGCATTACCAACATCTCTAGT 1943
      |||||
Db      2 GGTAGCATTAGCAGCATCTCTGT 24
```

```
RESULT 497
US-09-951-843-10
; Sequence 10, Application US/09951843
; Patent No. 6548056
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Feldhaus, Andrew L.
; APPLICANT: Gao, Zeren
; TITLE OF INVENTION: Murine Interferon-Alpha
; FILE REFERENCE: 99-11D1
; CURRENT APPLICATION NUMBER: US/09/951,843
; CURRENT FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: 09/528,760
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,045
; PRIOR FILING DATE: 1999-03-18
; PRIOR APPLICATION NUMBER: 60/155,739
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PaeSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
; US-09-951-843-10
```

```
Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1921 GGTGCATTACCAACATCTCTAGT 1943
      |||||
Db      2 GGTAGCATTAGCAGCATCTCTGT 24
```

```
RESULT 498
US-09-866-108A-3233/c
; Sequence 3233, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: UT, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
```

```

; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 3233
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-3233

```

```

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Oy      4298 GCATCTTTTCTTCCTCCCTGAC 4320
Db      25 GCCTCTTTTCAGTCCCGGAC 3

```

```

RESULT 499
US-09-866-108A-3234/c
; Sequence 3234, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 3234
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-3234

```

```

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Oy      4298 GCATCTTTTCTTCCTCCCTGAC 4320
Db      24 GCCTCTTTTCAGTCCCGGAC 2

```

```

RESULT 500
US-09-866-108A-3235/c
; Sequence 3235, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 3235
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-3235

```

```

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Oy      4298 GCATCTTTTCTTCCTCCCTGAC 4320

```

Db 23 GCCTCTTTCAGTCCCGGAC 1

```
RESULT 501
US-09-866-108A-4407/c
; Sequence 4407, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4407
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4407

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 5766 GCTTGCTGCGCGCTGCTGCC 5788

Db 25 GCTTCTGCGCAGCTCCCTCC 3

```
RESULT 502
US-09-866-108A-4408/c
; Sequence 4408, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
```

```
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4408
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4408
```

Query Match 0.2%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5766 GCTTGCTGCGCGCTGCTGCC 5788

Db 24 GCTTCTGCGCAGCTCCCTCC 2

```
RESULT 503
US-09-866-108A-4409/c
; Sequence 4409, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
```



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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4409
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4409

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      5766 GCTTGCTGCGCGCTGCTGCC 5788
Db      23 GCTTCTGCGCGCGCTGCTGCC 1

RESULT 504
US-09-866-108A-5201
; Sequence 5201, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5201
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5201

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```

Cy      4319 ACTGTCTCTGACCCCTTGCTC 4341
Db      3. ACTGTCTCTCGGCGCTTGCTC 25

RESULT 505
US-09-866-108A-5202
; Sequence 5202, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5202
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5202

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      4319 ACTGTCTCTGACCCCTTGCTC 4341
Db      2 ACTGTCTCTCGGCGCTTGCTC 24

RESULT 506
US-09-866-108A-5203
; Sequence 5203, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
```

```
; FILE REFERENCE: AEWOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5203
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5203

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4319 ACTGTCTCTGACCCCTTGCTC 4311
Db      1 ACTGTCTCTCGGCGCTTCGCTC 23

RESULT 507
; Sequence 12694, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
```

```
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12694
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12694

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7407 CAACATCAGCAGCAGCAGCA 7429
Db      3 CAGCTTCAGCAGCAGCTGAGCA 25

RESULT 508
; Sequence 12695, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12695
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12695

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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OY 7407 CAACATGACGACGACGACGA 7429  
DB 2 CAGCTTCAGCAGCAGCTTAAGCA 24

## RESULT 509

US-10-003-998A-4  
Sequence 4, Application US/10003998A  
Patent No. 6664064  
GENERAL INFORMATION:  
APPLICANT: Roche Diagnostics GmbH  
TITLE OF INVENTION: Method for melting curve analysis of repetitive PCR  
FILE REFERENCE: 5438/00/EP  
CURRENT APPLICATION NUMBER: US/10/003,998A  
CURRENT FILING DATE: 2001-11-14  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 4  
LENGTH: 32  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-003-998A-4

Query Match 0.2%; Score 16.6; DB 1; Length 32;  
Best Local Similarity 71.0%; Pred. No. 1.6e+03;  
Matches 22; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

OY 4004 TTAGGCTTAAATGAGAAAAAGAGAGAAA 4034  
DB 1 TCAGGTAAAAAAGAAAAAAGAAAAA 31

## RESULT 510

US-08-679-645-1167/c  
Sequence 1167, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: MGSwigen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Waidburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1167:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-1167

Query Match 0.2%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 6.2e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 65 GCTGCGGCGCGCGCGCG 82  
DB 18 GCTGCGGCGCGCGCGCG 1

## RESULT 511

US-09-205-995-48/c  
Sequence 48, Application US/09205995  
Patent No. 6368855  
GENERAL INFORMATION:  
APPLICANT: Xu, Minzhen  
APPLICANT: Qiu, Gang  
APPLICANT: Humphreys, Robert  
TITLE OF INVENTION: CANCER CELL VACCINE  
FILE REFERENCE: U.S. Application 09/205,995, (CIP)  
CURRENT APPLICATION NUMBER: US/09/205,995  
CURRENT FILING DATE: 1998-12-04  
PRIOR APPLICATION NUMBER: 09/036,746  
PRIOR FILING DATE: 1998-03-09  
PRIOR APPLICATION NUMBER: 08/661,627  
PRIOR FILING DATE: 1996-06-11  
NUMBER OF SEQ ID NOS: 79  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 48  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
OTHER INFORMATION: oligonucleotide corresponding to a specific region  
OTHER INFORMATION: of the mouse Il gene.  
US-09-205-995-48

Query Match 0.2%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 6.2e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7413 CAGCAGCAGCAGCAGCAG 7430  
DB 18 CAGCAGCAGCAGCAGCAG 1

RESULT 512  
US-09-422-978-10119  
Sequence 10119, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marca  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

```
FILE REFERENCE: GENSRT.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10119
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-9587 for SEQ 2254, in compleme
US-09-422-978-10119

Query Match
Best Local Similarity 0.2%; Score 16.4; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6181 AAGAGTGTGAGAGAGA 6198
DB 1 AAAAGTGTGAGAGAGA 18

RESULT 513
US-08-275-951-49
Sequence 49, Application US/08275951
Patent No. 6451968
GENERAL INFORMATION:
APPLICANT: Egholm, Michael
APPLICANT: Kieley, John
APPLICANT: Griffen, Michael
APPLICANT: Coull, James M.
APPLICANT: Nielsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: IS151577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR FILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510/92
PRIOR FILING DATE: 1991-04-15
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968e1 Sequence
NAME/KEY: misc_feature
LOCATION: (10)..(11)
OTHER INFORMATION: Ethylene glycol, Ethylene glycol, Ethylene glycol
OTHER INFORMATION: Linkage
NAME/KEY: misc_feature
```

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LOCATION: (13)
OTHER INFORMATION: N is Pseudoisocytosine
NAME/KEY: misc_feature
LOCATION: (20)
OTHER INFORMATION: N is Pseudoisocytosine
US-08-275-951-49

Query Match
Best Local Similarity 0.2%; Score 16.4; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTT 4481
DB 1 CTTTTCTTTTNTTTTT 19

RESULT 514
US-08-628-540-8/c
Sequence 8, Application US/08628540
Patent No. 6022951
GENERAL INFORMATION:
APPLICANT: SANO, Takeshi
APPLICANT: CANTOR, Charles R.
APPLICANT: VAJDA, Sandor
APPLICANT: REZNIK, Gabriel O.
APPLICANT: SMITH, Cassandra L.
APPLICANT: PANDORI, Mark W.
TITLE OF INVENTION: STREPTAVIDIN MUTANTS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESSES:
ADDRESSER: BAKER & BOTTS, L.L.P.
STREET: 1299 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20004-2400
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/628,540
FILING DATE: 10-APR-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/420,010
FILING DATE: 11-APR-1995
APPLICATION NUMBER: 60/003,687
FILING DATE: 18-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Remenick, James
REGISTRATION NUMBER: 36,902
REFERENCE/DOCKET NUMBER: 016865-0244
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-639-7700
TELEFAX: 202-639-7890
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-628-540-8

Query Match
Best Local Similarity 0.2%; Score 16.4; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7412 TCAGCAGCAGCAGCA 7429

Db 21 TTAGCAGCAGCAGCA 4

RESULT 515  
US-08-941-100-3/C

; Sequence 3, Application US/08941100B

; Patent No. 6207390

; GENERAL INFORMATION:

; APPLICANT: Cantor, Charles R.

; APPLICANT: Sano, Takeshi

; TITLE OF INVENTION: Reduced Affinity Streptavidin

; FILE REFERENCE: BU-03165

; CURRENT APPLICATION NUMBER: US/08/941.100B

; PRIOR FILING DATE: 1997-10-03

; PRIOR APPLICATION NUMBER: 08/469,353

; PRIOR FILING DATE: 1995-06-06

; PRIOR APPLICATION NUMBER: 08/420,010

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 3

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Streptomyces avidinii

US-08-941-100-3

Query Match 0.2%; Score 16.4; DB 1; Length 21;

Best Local Similarity 94.4%; Pred. No. 8.4e+02;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7412 TCAGCAGCAGCAGCA 7429

Db 21 TTAGCAGCAGCAGCA 4

RESULT 516  
US-09-161-466-19

; Sequence 19, Application US/09161466

; Patent No. 6204025

; GENERAL INFORMATION:

; APPLICANT: LIU, QIANG

; TITLE OF INVENTION: EXON-LINKING FOR DNA BASED DIAGNOSTICS

; FILE REFERENCE: 2124-292

; CURRENT APPLICATION NUMBER: US/09/161.466

; PRIOR FILING DATE: 1998-09-28

; EARLIER APPLICATION NUMBER: US 60/060319

; NUMBER OF SEQ ID NOS: 24

; SOFTWARE: Patentin Ver. 2.0 - Beta

; SEQ ID NO 19

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-161-466-19

Query Match 0.2%; Score 16.4; DB 1; Length 23;

Best Local Similarity 94.4%; Pred. No. 1e+03;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2867 CAAGCAGCAGCAGTGG 2884

Db 2 CAAGCAGCAGCAGATGG 19

RESULT 517  
US-09-360-416-74/C

; Sequence 74, Application US/09360416

; Patent No. 6458536

; GENERAL INFORMATION:

US-09-360-416-74

Query Match 0.2%; Score 16.4; DB 1; Length 24;

Best Local Similarity 94.4%; Pred. No. 1.1e+03;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3168 TTAGTTGGGTTTGATA 3185

Db 19 TTAGATTGGGTTTGATA 2

RESULT 518  
US-08-967-101-140/C

; Sequence 140, Application US/08967101

; Patent No. 5840540

; GENERAL INFORMATION:

; APPLICANT: ST. GEORGE-HYSLOP, PETER H

; APPLICANT: ROMMENS, JOHANNA M

; APPLICANT: FRASER, PAUL E

; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED

; TO ALZHEIMER'S DISEASE

; NUMBER OF SEQUENCES: 183

; CORRESPONDENCE ADDRESS:

ADDRESSER: TESTA, HURWITZ & THIBEAULT

STREET: High Street Tower - 125 High Street

CITY: Boston

STATE: Massachusetts

COUNTRY: U.S.A.

ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/967,101

FILING DATE: 10-NOV-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/592,541

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Pitcher, Edmund R.

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 248-7000

TELEFAX: (617) 248-7100

INFORMATION FOR SEQ ID NO: 140:

SEQUENCE CHARACTERISTICS:

LENGTH: 25 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "primer"

US-08-967-101-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;

Best Local Similarity 94.4%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1964 TTTTCAAGCAGCAGCA 1981

Db 22 TTTTCTACAGCCAGTGA 5

## RESULT 519

US-08-592-541-140/c  
; Sequence 140, Application US/08592541  
; Patent No. 5986054  
; GENERAL INFORMATION:  
; APPLICANT: ST. GEORGE-HYSLOP, PETER H  
; APPLICANT: ROMMENS, JOHANNA M  
; APPLICANT: FRASER, PAUL E  
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE  
; NUMBER OF SEQUENCES: 183  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
; STREET: High Street Tower - 125 High Street  
; City: Boston  
; STATE: Massachusetts  
; COUNTRY: U.S.A.  
; ZIP: 02110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/592,541  
; FILING DATE:  
; CLASSIFICATION: 800  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Pitcher, Edmund R.  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-7000  
; TELEFAX: (617) 248-7100  
; INFORMATION FOR SEQ ID NO: 140:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 25 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer"  
US-08-592-541-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;  
Best local Similarity 94.4%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1964 TTTTCAAGCCAGTGA 1981  
Db 22 TTTTCTACAGCCAGTGA 5

RESULT 520  
US-09-124-698-140/c  
; Sequence 140, Application US/09124698  
; Patent No. 611978  
; GENERAL INFORMATION:  
; APPLICANT: ST. GEORGE-HYSLOP, PETER H  
; APPLICANT: ROMMENS, JOHANNA M  
; APPLICANT: FRASER, PAUL E  
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE  
; NUMBER OF SEQUENCES: 183  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
; STREET: High Street Tower - 125 High Street  
; City: Boston  
; STATE: Massachusetts  
; COUNTRY: U.S.A.  
; ZIP: 02110

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/124,698  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/592,541  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Pitcher, Edmund R.  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-7000  
; TELEFAX: (617) 248-7100  
; INFORMATION FOR SEQ ID NO: 140:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 25 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer"  
US-09-124-698-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;  
Best local Similarity 94.4%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1964 TTTTCAAGCCAGTGA 1981  
Db 22 TTTTCTACAGCCAGTGA 5

RESULT 521  
US-09-127-480-140/c  
; Sequence 140, Application US/09127480  
; Patent No. 6194153  
; GENERAL INFORMATION:  
; APPLICANT: ST. GEORGE-HYSLOP, PETER H  
; APPLICANT: ROMMENS, JOHANNA M  
; APPLICANT: FRASER, PAUL E  
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE  
; NUMBER OF SEQUENCES: 183  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
; STREET: High Street Tower - 125 High Street  
; City: Boston  
; STATE: Massachusetts  
; COUNTRY: U.S.A.  
; ZIP: 02110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/127,480  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/592,541  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Pitcher, Edmund R.  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-7000  
; TELEFAX: (617) 248-7100  
; INFORMATION FOR SEQ ID NO: 140:  
; SEQUENCE CHARACTERISTICS:

LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-09-127-480-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;  
Best Local Similarity 94.4%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1964 TTTTCAACAGCCAGTGA 1981  
Db 22 TTTTCTACAGCCAGTGA 5

RESULT 522  
US-08-496-841C-140/C  
Sequence 140, Application US/08496841C  
Patent No. 6210919  
GENERAL INFORMATION:  
APPLICANT: ST. GEORGE-HYSLOP, PETER H  
ROMMENS, JOHANNA M  
FRASER, PAUL E  
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
TO ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 175  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Darby & Darby, PC  
STREET: 805 Third Avenue  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/496,841C  
FILING DATE: 28-Jun-1995  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul F. Feilner, Ph.D.  
REGISTRATION NUMBER: 35,135  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 527-7700  
TELEFAX: (212) 753-6237  
INFORMATION FOR SEQ ID NO: 140:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
SEQUENCE DESCRIPTION: SEQ ID NO: 140:  
US-08-496-841C-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;  
Best Local Similarity 94.4%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1964 TTTTCAACAGCCAGTGA 1981  
Db 22 TTTTCTACAGCCAGTGA 5

RESULT 523  
US-09-124-523-140/C  
Sequence 140, Application US/09124523

Patent No. 6395960  
GENERAL INFORMATION:  
APPLICANT: ST. GEORGE-HYSLOP, PETER H  
ROMMENS, JOHANNA M  
APPLICANT: FRASER, PAUL E  
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
TO ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 183  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
STREET: High Street Tower - 125 High Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/124,523  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/592,541  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Pitcher, Edmund R.  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 140:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-09-124-523-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;  
Best Local Similarity 94.4%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1964 TTTTCAACAGCCAGTGA 1981  
Db 22 TTTTCTACAGCCAGTGA 5

RESULT 524  
US-09-636-796A-140/C  
Sequence 140, Application US/09636796A  
Patent No. 6485911  
GENERAL INFORMATION:  
APPLICANT: ST. GEORGE-HYSLOP, PETER H  
ROMMENS, JOHANNA M  
FRASER, PAUL E  
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
TO ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 183  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
STREET: High Street Tower - 125 High Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

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; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA: US/09/636,796A
; APPLICATION NUMBER: US/09/636,796A
; FILING DATE: 11-Aug-2000
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pletcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
;
; INFORMATION FOR SEQ ID NO: 140:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer"
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 140:
US-09-636-796A-140

Query Match          0.2%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1964 TTTTTCACAGCCAGTGA 1981
Db      22 TTTTTCAGACCGAGTGA 5

RESULT 525
; US-08-294-424-27/c
; Sequence 27, Application US/08294424
; Patent No. 5800984
;
; GENERAL INFORMATION:
; APPLICANT: Vary, Calvin
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCE DETECTION BY
; TITLE OF INVENTION: TRIPLE HELIX FORMATION
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: Wordperfect (Version 5.0)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/294,424
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/000,922
; FILING DATE: 16 JAN 1993
; APPLICATION NUMBER: US/07/629,601B
; FILING DATE: 17-DEC-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 00088-037001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
;
; INFORMATION FOR SEQ ID NO: 27 :
; SEQUENCE CHARACTERISTICS:
;
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-294-424-27

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5698 TTTTGCTTCCTTTCTCTCTT 5718
Db      21 TTTTCCTTCCTTTCTCTCTT 1

RESULT 526
; US-08-472-659-20
; Sequence 20, Application US/08472659
; Patent No. 5831030
;
; GENERAL INFORMATION:
; APPLICANT: TSUTSUMOTO, Masafumi
; APPLICANT: IWASA, Fuyuki
; APPLICANT: TSUROOKA, No. 5831030uo
; APPLICANT: NAKAZATO, Hiroshi
; APPLICANT: MURA, Kenju
; APPLICANT: ISHIDA, No. 5831030uhlro
; APPLICANT: KURIHARA, Tatsuya
; APPLICANT: YAMACHI, Kozo
; APPLICANT: YAMAGUCHI, No. 5831030omi
;
; TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,659
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 4-212305
; FILING DATE: 17-JUL-1992
; APPLICATION NUMBER: JP 5-067339
; FILING DATE: 04-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/091,028
; FILING DATE: 14-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 001560-248
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
;
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-472-659-20

Query Match          0.2%; Score 16.2; DB 1; Length 21;
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;
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-294-424-27

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5698 TTTTGCTTCCTTTCTCTCTT 5718
Db      21 TTTTCCTTCCTTTCTCTCTT 1

RESULT 526
; US-08-472-659-20
; Sequence 20, Application US/08472659
; Patent No. 5831030
;
; GENERAL INFORMATION:
; APPLICANT: TSUTSUMOTO, Masafumi
; APPLICANT: IWASA, Fuyuki
; APPLICANT: TSUROOKA, No. 5831030uo
; APPLICANT: NAKAZATO, Hiroshi
; APPLICANT: MURA, Kenju
; APPLICANT: ISHIDA, No. 5831030uhlro
; APPLICANT: KURIHARA, Tatsuya
; APPLICANT: YAMACHI, Kozo
; APPLICANT: YAMAGUCHI, No. 5831030omi
;
; TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,659
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 4-212305
; FILING DATE: 17-JUL-1992
; APPLICATION NUMBER: JP 5-067339
; FILING DATE: 04-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/091,028
; FILING DATE: 14-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 001560-248
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
;
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-472-659-20

Query Match          0.2%; Score 16.2; DB 1; Length 21;
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Best Local Similarity 85.7%; Pred. No. 9.1e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 694 GATGTGGCCATGAGCACCCTG 714

Db 1 GCTGTGGCCATGATGACACG 21

RESULT 527

US-08-474-661-20

; Sequence 20, Application US/08474661

; Patent No. 5874253

; GENERAL INFORMATION:

; APPLICANT: TSUJIMOTO, Masaaki

; APPLICANT: IWASA, Fuyuki

; APPLICANT: TSUROOKA, No. 5874253uo

; APPLICANT: NAKAZATO, Hiroshi

; APPLICANT: MURA, Kenju

; APPLICANT: ISHIDA, No. 5874253unhiro

; APPLICANT: KURIHARA, Tatsuya

; APPLICANT: YAMAUCHI, Kozo

; APPLICANT: YAMAGUCHI, No. 5874253om1

; TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR

; NUMBER OF SEQUENCES: 34

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Burns, Doane, Swecker & Mathis

; STREET: George Mason Bldg., Washington & Prince Sts.

; CITY: Alexandria

; STATE: Virginia

; COUNTRY: United States

; ZIP: 22313-1404

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/474,661

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/091,028

; FILING DATE: 14-JUL-1993

; APPLICATION NUMBER: JP 4-212305

; FILING DATE: 17-JUL-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: JP 5-067339

; FILING DATE: 04-MAR-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: REA, TERESA STANER

; REGISTRATION NUMBER: 30,427

; REFERENCE/DOCKET NUMBER: 001560-204

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (703) 836-6620

; TELEFAX: (703) 836-6620

; INFORMATION FOR SEQ ID NO: 20:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-474-661-20

Query Match 0.2%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 9.1e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 694 GATGTGGCCATGAGCACCCTG 714

Db 1 GCTGTGGCCATGATGACACG 21

RESULT 528

US-08-611-977-20

; Sequence 20, Application US/08611977

; Patent No. 5972886

; GENERAL INFORMATION:

; APPLICANT: TSUJIMOTO, Masaaki

; APPLICANT: IWASA, Fuyuki

; APPLICANT: TSUROOKA, No. 5972886uo

; APPLICANT: NAKAZATO, Hiroshi

; APPLICANT: MURA, Kenju

; APPLICANT: ISHIDA, No. 5972886unhiro

; APPLICANT: KURIHARA, Tatsuya

; APPLICANT: YAMAUCHI, Kozo

; APPLICANT: YAMAGUCHI, No. 5972886om1

; TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR

; NUMBER OF SEQUENCES: 34

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Burns, Doane, Swecker & Mathis

; STREET: P.O. Box 1404

; CITY: Alexandria

; STATE: Virginia

; COUNTRY: United States

; ZIP: 22313-1404

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/611,977

; FILING DATE: 06-MAR-1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/091,028

; FILING DATE: 14-JUL-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: JP 4-212305

; FILING DATE: 17-JUL-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: JP 6-067339

; FILING DATE: 04-MAR-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: McGowan, Malcolm K.

; REGISTRATION NUMBER: 39,300

; REFERENCE/DOCKET NUMBER: 001560-204

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (703) 836-6620

; TELEFAX: (703) 836-2021

; INFORMATION FOR SEQ ID NO: 20:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-611-977-20

Query Match 0.2%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 9.1e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 694 GATGTGGCCATGAGCACCCTG 714

Db 1 GCTGTGGCCATGATGACACG 21

RESULT 529

US-08-863-639A-52/C

; Sequence 52, Application US/08863639A

; Patent No. 5981185

; GENERAL INFORMATION:

; APPLICANT: Matsun, Robert S.

; APPLICANT: Coasbin, Peter J.

```

; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: diskette, 3.50 inch, 1.44 Mb storage
; OPERATING SYSTEM: IBM compatible
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-52

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9,1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      60 CGGAGGCTGCGGGCGCGCG 80
Db      21 CGGCGGCGCGCGCGCGCGG 1

RESULT 530
US-08-863-639A-55/c
; Sequence 55, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
```

```

; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-55

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9,1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      62 GAGGCTGCGGGCGCGCGCG 82
Db      21 GCGCGCGCGCGCGCGCGCG 1

RESULT 531
US-08-863-639A-56
; Sequence 56, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; OPERATING SYSTEM: IBM compatible
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-56

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9,1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      60 CGGAGGCTGCGGGCGCGCGCG 80
Db      21 CGGAGGCTGCGGGCGCGCGCG 1
```

Db 1 CGCGCGCGCGCGCGCGCGCG 21

RESULT 532

US-08-863-639A-67/C

Sequence 67, Application US/08863639A

Patent No. 5981185

GENERAL INFORMATION:

APPLICANT: Matson, Robert S.

APPLICANT: Coaslin, Peter J.

APPLICANT: Rampal, Jang B.

APPLICANT: Caskey, C. T.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS

NUMBER OF SEQUENCES: 95

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Sheldon & Mak

STREET: 225 South Lake Avenue, 9th Floor

CITY: Pasadena

STATE: CA

COUNTRY: USA

ZIP: 91101

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: Corel Wordperfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Joseph E. Muech

REGISTRATION NUMBER: 20,532

REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (626) 796-4000

TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 67:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

US-08-863-639A-67

Query Match

Best Local Similarity 0.2%; Score 16.2; DB 1; Length 21;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 61 GGAGGCTGCGGCGCGCGCGC 81

Db 21 GGCGCGCGCGCGCGCGCGCGC 1

RESULT 533

US-08-863-639A-68

Sequence 68, Application US/08863639A

Patent No. 5981185

GENERAL INFORMATION:

APPLICANT: Matson, Robert S.

APPLICANT: Coaslin, Peter J.

APPLICANT: Rampal, Jang B.

APPLICANT: Caskey, C. T.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS

NUMBER OF SEQUENCES: 95

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Sheldon & Mak

STREET: 225 South Lake Avenue, 9th Floor

CITY: Pasadena

STATE: CA

COUNTRY: USA

ZIP: 91101

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: Corel Wordperfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Joseph E. Muech

REGISTRATION NUMBER: 20,532

REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (626) 796-4000

TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 71:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: Corel Wordperfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Joseph E. Muech

REGISTRATION NUMBER: 20,532

REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (626) 796-4000

TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 68:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

US-08-863-639A-68

Query Match

Best Local Similarity 0.2%; Score 16.2; DB 1; Length 21;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 62 GAGGCTGCGGCGCGCGCGCGC 82

Db 1 GCAGCGCGCGCGCGCGCGCGC 21

RESULT 534

US-08-863-639A-71

Sequence 71, Application US/08863639A

Patent No. 5981185

GENERAL INFORMATION:

APPLICANT: Matson, Robert S.

APPLICANT: Coaslin, Peter J.

APPLICANT: Rampal, Jang B.

APPLICANT: Caskey, C. T.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS

NUMBER OF SEQUENCES: 95

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Sheldon & Mak

STREET: 225 South Lake Avenue, 9th Floor

CITY: Pasadena

STATE: CA

COUNTRY: USA

ZIP: 91101

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: Corel Wordperfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Joseph E. Muech

REGISTRATION NUMBER: 20,532

REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (626) 796-4000

TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 71:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

```

; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-71
Query Match
Best Local Similarity 0.2%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 61 GGAGGCTGCGGCGCGCGCGC 81
Db 1 GCGCGCGCGCGCGCGCGCGC 21

RESULT 535
US-08-416-214A-11
; Sequence 11, Application US/08416214A
; Patent No. 5998596
; GENERAL INFORMATION:
; APPLICANT: Bergan, Raymond; Neckers, Len
; TITLE OF INVENTION: Inhibition Of Protein
; TITLE OF INVENTION: Kinase Activity By Aptameric Action Of
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/416,214A
; FILING DATE: 04-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Kathryn M.
; REGISTRATION NUMBER: 34,556
; REFERENCE/DOCKET NUMBER: 2026-4166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: Nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; HYPOTHETICAL: Yes
; ANTI-SENSE: No
; US-08-416-214A-11

Query Match
Best Local Similarity 0.2%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 61 GGAGGCTGCGGCGCGCGCGC 81
Db 1 GCGCGCGCGCGCGCGCGCGC 21

RESULT 536
US-09-228-942-8
; Sequence 8, Application US/09228942
; Patent No. 6203988
; GENERAL INFORMATION:
; APPLICANT: Kambara, Hideki
; APPLICANT: Uematsu, Chihito
```

```

; TITLE OF INVENTION: DNA FRAGMENT ANALYSIS METHOD AND REAGENT KIT
; FILE REFERENCE: ASA-757
; CURRENT APPLICATION NUMBER: US/09/228,942
; CURRENT FILING DATE: 1999-01-12
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide ligated to 3' end of DNA fragment
; US-09-228-942-8

Query Match
Best Local Similarity 0.2%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4459 TCGACTTTTTTTTTTTTTTTT 4479
Db 1 TGTGTTTTTTTTTTTTTTTTTT 21

RESULT 537
US-09-422-978-11535
; Sequence 11535, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020C01
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11535
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9620 for SEQ 3670, in compleme
; US-09-422-978-11535

Query Match
Best Local Similarity 0.2%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6192 GAAGAGATGAGAGATTGG 6212
Db 1 GAGGAGATGAGAGATTGTG 21

RESULT 538
US-08-390-850-7/C
; Sequence 7, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Payco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustafson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
```

;; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS  
;; NUMBER OF SEQUENCES: 1151  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; STREET: Suite 4700  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSeq Version 1.5  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/390,850  
;; FILING DATE: February 17, 1995  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/354,920  
;; FILING DATE: December 13, 1994  
;; APPLICATION NUMBER: 08/152,487  
;; FILING DATE: No. 561225ember 12, 1993  
;; APPLICATION NUMBER: 07/989,848  
;; FILING DATE: December 7, 1992  
;;  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 211/084  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;;  
;; INFORMATION FOR SEQ ID NO: 7:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 22 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;;  
US-08-390-850-7  
;  
Query Match 0.2%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 3;  
;  
Qy 7395 TTCTGAAGCAAGCAACATCAG 7415  
Db 21 TTCTGAAGTGCACCAACATCAG 1  
;  
;;  
RESULT 539  
US-08-435-634-7/c  
;; Sequence 7, Application US/08435634  
;; Patent No. 5731295  
;;  
;; GENERAL INFORMATION:  
;; APPLICANT: Draper, Kenneth G.  
;; APPLICANT: Pavco, Pamela  
;; APPLICANT: McSwigen, James  
;; APPLICANT: Gustofson, John  
;; APPLICANT: Stinchcomb, Dan T.  
;; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
;; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS  
;; NUMBER OF SEQUENCES: 1151  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; STREET: Suite 4700  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071  
;;  
;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSeq Version 1.5  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/435,634  
;; FILING DATE: 05-MAY-1995  
;;  
;; CLASSIFICATION: 514  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/390,850  
;; FILING DATE: February 17, 1995  
;; APPLICATION NUMBER: 08/354,920  
;; FILING DATE: December 13, 1994  
;; APPLICATION NUMBER: 08/152,487  
;; FILING DATE: No. 5731295ember 12, 1993  
;; APPLICATION NUMBER: 07/989,848  
;; FILING DATE: December 7, 1992  
;;  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 211/084  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;;  
;; INFORMATION FOR SEQ ID NO: 7:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 22 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;;  
US-08-435-634-7  
;  
Query Match 0.2%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 3;  
;  
Qy 7395 TTCTGAAGCAAGCAACATCAG 7415  
Db 21 TTCTGAAGTGCACCAACATCAG 1  
;  
;;  
RESULT 540  
US-09-009-913-156/c  
;; Sequence 156, Application US/09009913  
;; Patent No. 6087485  
;;  
;; GENERAL INFORMATION:  
;; APPLICANT: Axy's Pharmaceuticals, Inc.  
;; TITLE OF INVENTION: Asthma Related Genes  
;; NUMBER OF SEQUENCES: 339  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Bozicevic & Reed, LLP  
;; STREET: 285 Hamilton Ave, Suite 200  
;; CITY: Palo Alto  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 94301  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: DOS  
;; SOFTWARE: FastSeq for Windows Version 2.0  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/009,913  
;; FILING DATE: 21-JAN-1998  
;;  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;;  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Sherwood, Pamela J  
;; REGISTRATION NUMBER: 36,677

```
/ REFERENCE/DOCKET NUMBER: SEQ-4P
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-327-3231
/ TELEFAX: 650-327-3231
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 156:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 22 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other
US-09-009-913-156

Query Match          0.2%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      6994 AGGTGGGAAGGAGATTTC 7014
Db      22 AGGTGAGAAAGYGCATTTC 2

RESULT 541
US-09-230-222-16
/ Sequence 16, Application US/09230222A
/ Patent No. 6159720
/ GENERAL INFORMATION:
/ APPLICANT: MURASHIMA, KOUICHIROU
/ APPLICANT: MORIYA, TATSUKI
/ APPLICANT: HAMAYA, TORU
/ APPLICANT: KOGA, JINICHIRO
/ APPLICANT: SUMIDA, NAOMI
/ APPLICANT: AOYAGI, KAORI
/ APPLICANT: MURAKAMI, TAKESHI
/ APPLICANT: KONO, TOSHIYAKI
/ TITLE OF INVENTION: ENZYME ENDOGLUCANASE AND CELLULOSE PREPARATIONS
/ TITLE OF INVENTION: CONTAINING THE SAME
/ FILE REFERENCE: 99-0055/LIC(WMC)/144
/ CURRENT APPLICATION NUMBER: US/09/230,222A
/ CURRENT FILING DATE: 1999-03-03
/ NUMBER OF SEQ ID NOS: 31
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 16
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: PRIMER
US-09-230-222-16

Query Match          0.2%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5552 GCAGATGAGAAGTGTGTG 5572
Db      3 GCAGATGAGACGTGTGTG 23

RESULT 542
US-09-230-225B-23
/ Sequence 23, Application US/09230225B
/ Patent No. 6403362
/ GENERAL INFORMATION:
/ APPLICANT: Meiji Seika Kaisha, Ltd.
/ APPLICANT: Moriya, Tatsuki
/ TITLE OF INVENTION: Systems for the Mass Production of Proteins or Peptides by Micro
/ TITLE OF INVENTION: of the Genus Humicola
/ FILE REFERENCE: YX990054
/ CURRENT APPLICATION NUMBER: US/09/230,225B
/ CURRENT FILING DATE: 1999-03-03
/ NUMBER OF SEQ ID NOS: 34
```

```
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 23
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Humicola insolens
US-09-230-225B-23

Query Match          0.2%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5552 GCAGATGAGAAGTGTGTG 5572
Db      3 GCAGATGAGACGTGTGTG 23

RESULT 543
US-09-686-597-24/C
/ Sequence 24, Application US/09686597
/ Patent No. 6632641
/ GENERAL INFORMATION:
/ APPLICANT: Thomas M. BRENNAN
/ APPLICANT: Francois CHATELAIN
/ APPLICANT: Mark BERNINGER
/ TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING
/ TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY
/ FILE REFERENCE: 58710010CPUS02
/ CURRENT APPLICATION NUMBER: US/09/686,597
/ CURRENT FILING DATE: 2000-10-10
/ PRIOR APPLICATION NUMBER: 60/158,315
/ PRIOR FILING DATE: 1999-10-08
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 24
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-686-597-24

Query Match          0.2%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      6737 TTCCTCTTAATCGATCA 6757
Db      21 TTCCTCTTAATCGATCA 1

RESULT 544
US-09-686-597-25/C
/ Sequence 25, Application US/09686597
/ Patent No. 6632641
/ GENERAL INFORMATION:
/ APPLICANT: Thomas M. BRENNAN
/ APPLICANT: Francois CHATELAIN
/ APPLICANT: Mark BERNINGER
/ TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING
/ TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY
/ FILE REFERENCE: 58710010CPUS02
/ CURRENT APPLICATION NUMBER: US/09/686,597
/ CURRENT FILING DATE: 2000-10-10
/ PRIOR APPLICATION NUMBER: 60/158,315
/ PRIOR FILING DATE: 1999-10-08
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 25
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-686-597-25

Query Match          0.2%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 1.1e+03;
```

Matchee 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6737 TTCCTTTCTTAATCTGATCA 6757

Db 21 TTCTCTTACATGTGATCA 1

## RESULT 545

US-09-686-597-27/C

Sequence 27, Application US/09686597

Patent No. 6632641

GENERAL INFORMATION:

APPLICANT: Thomas M. BRENNAN

APPLICANT: Francois CHATELAIN

APPLICANT: Mark BERINGER

TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING

TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY

FILE REFERENCE: 58710010CPUS02

CURRENT FILING DATE: US/09/686,597

PRIOR APPLICATION NUMBER: 2000-10-10

PRIOR FILING DATE: 1999-10-08

NUMBER OF SEQ ID NOS: 32

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO: 27

LENGTH: 23

TYPE: DNA

ORGANISM: Homo sapiens

US-09-686-597-27

Query Match 0.2%; Score 16.2; DB 1; Length 23;

Best Local Similarity 85.7%; Pred. No. 1.1e+03;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6737 TTCCTTTCTTAATCTGATCA 6757

Db 21 TTCTCTTACATGTGATCA 1

RESULT 546

US-08-465-590-94/C

Sequence 94, Application US/08465590

Patent No. 5824770

GENERAL INFORMATION:

APPLICANT: Georgopoulos, Katia A.

TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE

NUMBER OF SEQUENCES: 164

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD

STREET: 60 STATE STREET, Suite 510

CITY: BOSTON

STATE: MASSACHUSETTS

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Ascii (text)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/465,590

FILING DATE: 05-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/238,212

FILING DATE: 02-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/121,438

FILING DATE: 14-SEP-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/946,233

FILING DATE: 14-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Myers, Paul L.

REGISTRATION NUMBER: 35,695

REFERENCE/DOCKET NUMBER: MPG-006C2DV

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 227-7400

TELEFAX: (617) 227-5941

INFORMATION FOR SEQ ID NO: 94:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-465-590-94

Query Match 0.2%; Score 16.2; DB 1; Length 24;

Best Local Similarity 85.7%; Pred. No. 1.2e+03;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1170 GTATCCCATCTGCGCTGCT 1190

Db 21 GTATCCCATATCTCTGCT 1

## RESULT 547

US-08-570-155-16/C

Sequence 16, Application US/08570155

Patent No. 5962332

GENERAL INFORMATION:

APPLICANT: Singer, Robert H.

APPLICANT: Taneja, Krishan L.

TITLE OF INVENTION: DETECTION OF TRINUCLEOTIDE REPEATS

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: FISH & RICHARDSON P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: Massachusetts

COUNTRY: U.S.A.

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version

SOFTWARE: #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/570,155

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/399,499

FILING DATE: 07 March 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/214,823

FILING DATE: 17 March 1994

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 06353/011001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-570-155-16

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.2e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 59 ACCGAGCTGCGGGGCGCGG 80  
DB 24 ANGGCGCGCGCGCGCGCGG 3

RESULT 548  
US-08-487-799-17  
; Sequence 17, Application US/0848799C  
; Patent No. 6010908  
; GENERAL INFORMATION:  
; APPLICANT: Gruenert, Dieter C.  
; APPLICANT: Kunzelmann, Karl  
; TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT  
; FILE REFERENCE: 480.18-1(HV)  
; CURRENT APPLICATION NUMBER: US/08/487,799C  
; EARLIER FILING DATE: 1995-06-07  
; EARLIER APPLICATION NUMBER: 07/933,471  
; EARLIER FILING DATE: 1992-08-21  
; EARLIER APPLICATION NUMBER: 08/409,544  
; EARLIER FILING DATE: 1995-03-24  
; NUMBER OF SEQ ID NOS: 87  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 17  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-08-487-799-17

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6723 GTAGCTGGAATACCTTCCTTC 6743  
DB 4 GTAGCTGTACTACTTCATC 24

RESULT 549  
US-09-030-701-29/c  
; Sequence 29, Application US/09030701B  
; Patent No. 6214806  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Schwartz, David A.  
; TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING  
; TITLE OF INVENTION: UNMETHYLATED CPG DINUCLEOTIDE IN THE TREATMENT OF  
; FILE REFERENCE: C1039/7011  
; CURRENT APPLICATION NUMBER: US/09/030,701B  
; CURRENT FILING DATE: 1998-02-25  
; PRIOR APPLICATION NUMBER: 60/039,405  
; PRIOR FILING DATE: 1997-02-28  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 29  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
US-09-030-701-29

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541  
DB 22 GGGGAAACAGTTCTCCATGG 2

RESULT 550  
US-09-286-098-61/c  
; Sequence 61, Application US/09286098  
; Patent No. 6218371  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Weiner, George  
; TITLE OF INVENTION: Methods and Products for Stimulating the  
; TITLE OF INVENTION: Immune System Using Immunotherapeutic Oligonucleotides and  
; FILE REFERENCE: C1039/7026/HCL  
; CURRENT APPLICATION NUMBER: US/09/286,098  
; CURRENT FILING DATE: 1999-04-02  
; EARLIER APPLICATION NUMBER: US 60/080,729  
; EARLIER FILING DATE: 1998-04-03  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 61  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-286-098-61

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541  
DB 22 GGGGAAACAGTTCTCCATGG 2

RESULT 551  
US-08-711-417C-94/c  
; Sequence 94, Application US/08711417C  
; Patent No. 6228611  
; GENERAL INFORMATION:  
; APPLICANT: Georgopoulos, Katia A.  
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE  
; NUMBER OF SEQUENCES: 202  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: FastSeq for Windows Version 2.0b  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/711,417C  
; FILING DATE: 05-Sep-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/238,212  
; FILING DATE: 02-MAY-1994  
; APPLICATION NUMBER: 08/121,438  
; FILING DATE: 14-SEP-1993  
; APPLICATION NUMBER: 07/946,233  
; FILING DATE: 14-SEP-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Myers, Louis P.  
; REGISTRATION NUMBER: 35,965  
; REFERENCE/DOCKET NUMBER: 10287/007001



```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 94:
US-08-711-417C-94

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1170 GTATCCCATCTGCGCTGCTT 1190
Db      21 GTATCCGATATTCCTGCTT 1

RESULT 552
US-08-960-774-61/C
; Sequence 61, Application US/08960774
; Patent No. 6239116
; GENERAL INFORMATION:
; APPLICANT: Krieg et al.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID MOLECULES
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/960.774
; FILING DATE: 30-October-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Serial No. 6239116 08/738,652
; FILING DATE: October 30, 1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Hallie, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 08918/012001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-960-774-61

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1521 GGGGAACAGTTGACATG 1541
        ||||||||| | ||||

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Db      22 GGGGAACAGTTGTCATG 2

RESULT 553
US-09-296-280-48
; Sequence 48, Application US/09296280
; Patent No. 6277608
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Braech, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; TITLE OF INVENTION: Recombination Sites
; FILE REFERENCE: 0942.2850007
; CURRENT APPLICATION NUMBER: US/09/296,280
; CURRENT FILING DATE: 1999-04-22
; EARLIER APPLICATION NUMBER: US 09/177,387
; EARLIER FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: US 60/065,930
; EARLIER FILING DATE: 1997-10-24
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-296-280-48

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      3109 AAGACTCAGTGTGACGCTT 3129
Db      1 AATTTCATGTGTGACGCTT 21

RESULT 554
US-09-325-193A-52/C
; Sequence 52, Application US/09325193A
; Patent No. 6406705
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Schott, Joachim
; APPLICANT: Krieg, Arthur M.
; TITLE OF INVENTION: Use of Nucleic Acids Containing
; FILE REFERENCE: C1039/7025/HCL
; CURRENT APPLICATION NUMBER: US/09/325,193A
; CURRENT FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: US 09/154,614
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: PCT/US98/04703
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: US 60/040,376
; PRIOR FILING DATE: 1997-03-10
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-325-193A-52

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

QY 1521 GGGGAACAGTTCTACATGG 1541  
|||||  
Db 22 GGGGAACAGTTCTCATGG 2

RESULT 555  
US-09-191-170-55/c  
; Sequence 55, Application US/09191170  
; Patent No. 6429199  
; GENERAL INFORMATION:  
; APPLICANT: Krieger, Arthur M.  
; APPLICANT: Hartmann, Gunther  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules  
; FILE REFERENCE: C1039/7017  
; CURRENT APPLICATION NUMBER: US/09/191,170  
; EARLIER FILING DATE: 1998-11-13  
; EARLIER APPLICATION NUMBER: US 08/960,774  
; EARLIER FILING DATE: 1997-10-30  
; EARLIER APPLICATION NUMBER: US 08/738,652  
; EARLIER FILING DATE: 1996-10-30  
; EARLIER APPLICATION NUMBER: US 08/386,063  
; EARLIER FILING DATE: 1995-02-07  
; EARLIER APPLICATION NUMBER: US 08/276,358  
; EARLIER FILING DATE: 1994-07-15  
; NUMBER OF SEQ ID NOS: 99  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 55  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
US-09-191-170-55

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAACAGTTCTACATGG 1541  
|||||  
Db 22 GGGGAACAGTTCTCATGG 2

RESULT 556  
US-09-723-909-94/c  
; Sequence 94, Application US/09723909  
; Patent No. 6630141  
; GENERAL INFORMATION:  
; APPLICANT: Georgopoulos, Katia A.  
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE  
; NUMBER OF SEQUENCES: 202  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: FastSeq for Windows Version 2.0b  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/723,909  
; FILING DATE: 28-No. 6630141-2000  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/711,417  
; FILING DATE: 05-Sep-1996  
; APPLICATION NUMBER: 08/238,212  
; FILING DATE: 02-MAY-1994

APPLICATION NUMBER: 08/121,438  
FILING DATE: 14-SEP-1993  
APPLICATION NUMBER: 07/946,233  
FILING DATE: 14-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Myers, Louis P.  
REGISTRATION NUMBER: 35,965  
REFERENCE/DOCKET NUMBER: 10287/007001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/542-5070  
TELEFAX: 617/542-8906  
TELEX: 200154  
; INFORMATION FOR SEQ ID NO: 94:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 94:  
US-09-723-909-94

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1170 GTATCCCATCTGCCTGCT 1190  
|||||  
Db 21 GTATCCCATATCTCCTGCT 1

RESULT 557  
US-09-337-619-61/c  
; Sequence 61, Application US/09337619  
; Patent No. 6653292  
; GENERAL INFORMATION:  
; APPLICANT: Krieger, Arthur M.  
; TITLE OF INVENTION: Methods of Treating Cancer Using  
; FILE REFERENCE: C1039/7021/HCL  
; CURRENT APPLICATION NUMBER: US/09/337,619  
; EARLIER FILING DATE: 1999-06-21  
; EARLIER APPLICATION NUMBER: US 08/960,774  
; EARLIER FILING DATE: 1997-10-30  
; EARLIER APPLICATION NUMBER: US 08/738,652  
; EARLIER FILING DATE: 1996-10-30  
; EARLIER APPLICATION NUMBER: US 08/386,063  
; EARLIER FILING DATE: 1995-02-07  
; EARLIER APPLICATION NUMBER: US 08/276,358  
; EARLIER FILING DATE: 1994-07-15  
; NUMBER OF SEQ ID NOS: 123  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 61  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-09-337-619-61

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAACAGTTCTACATGG 1541  
|||||  
Db 22 GGGGAACAGTTCTCATGG 2

RESULT 558  
PCT-US93-08743-94/c  
; Sequence 94, Application PC/TUS9308743  
; GENERAL INFORMATION:

APPLICANT:  
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE  
US-08-115-497-1  
NUMBER OF SEQUENCES: 152  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/08743  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 946,233  
FILING DATE: 14-SEP-1992  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
TELECOMMUNICATION INFORMATION:  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
PCT-US93-08743-94

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1.2e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1170 GTATCCCATCTGCGCTGCT 1190  
Db 21 GTATCCGATATTCCTGCT 1

RESULT 559  
US-08-115-497-1  
Sequence 1, Application US/08115497  
Patent No. 5514546  
GENERAL INFORMATION:  
APPLICANT: KOOL, Eric T.  
TITLE OF INVENTION: STEM-LOOP OLIGONUCLEOTIDES CONTAINING  
TITLE OF INVENTION: PARALLEL AND ANTIPARALLEL BINDING DOMAINS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Scully, Scott, Murphy & Presser  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/115,497  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: DiGiilio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 8771  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-466-670-1

MOLECULE TYPE: DNA (genomic)  
US-08-115-497-1

Query Match 0.2%; Score 16.2; DB 1; Length 25;  
Best Local Similarity 85.7%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4463 CTTTCTTTCTTTCTTTCTTTT 4483  
Db 2 CTTTCTTTCTTTCTTTCTTTT 22

RESULT 560  
US-08-466-670-1  
Sequence 1, Application US/08466670  
Patent No. 5808036  
GENERAL INFORMATION:  
APPLICANT: KOOL, Eric T.  
TITLE OF INVENTION: STEM-LOOP OLIGONUCLEOTIDES CONTAINING  
TITLE OF INVENTION: PARALLEL AND ANTIPARALLEL BINDING DOMAINS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Scully, Scott, Murphy & Presser  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,670  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/115,497  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: DiGiilio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 8771  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-466-670-1

Query Match 0.2%; Score 16.2; DB 1; Length 25;  
Best Local Similarity 85.7%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4463 CTTTCTTTCTTTCTTTCTTTT 4483  
Db 2 CTTTCTTTCTTTCTTTCTTTT 22

RESULT 561  
US-08-087-387-6  
Sequence 6, Application US/08087387  
Patent No. 5473060  
GENERAL INFORMATION:  
APPLICANT: Sergei M. Gryaznov  
TITLE OF INVENTION: Oligonucleotide clamps having diagnostic and therapeutic appl1

NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics  
STREET: 465 Lincoln Centre Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 3.1/DOS 5.0  
SOFTWARE: Microsoft Word for Windows, vers. 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/087,387  
FILING DATE: 1993/07/02  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Stephen C. Macevicz  
REGISTRATION NUMBER: 30,285  
REFERENCE/DOCKET NUMBER: 104  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 358-7855  
TELEFAX: (415) 358-7794  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-087-387-6

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTTTTTTTTTTTT 4477  
Db 1 ACTTTTTTTTTTTTTT 16

RESULT 562  
US-08-455-627-6  
Sequence 6, Application US/08455627  
Patent No. 5571677  
GENERAL INFORMATION:  
APPLICANT: Sergei M. Gryaznov  
TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply  
TITLE OF INVENTION: Connected Macromolecular Structures  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooley Godward LLP  
STREET: Five Palo Alto Square, 3000 El Camino Real  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94306-2155  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/455,627  
FILING DATE: 31-MAY-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Nakamura, Jackie N.  
REGISTRATION NUMBER: 35,966  
REFERENCE/DOCKET NUMBER: LYNX-003/01 US

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-843-5000  
TELEFAX: 415-857-0663  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-455-627-6

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTTTTTTTTTTTT 4477  
Db 1 ACTTTTTTTTTTTTTT 16

RESULT 563  
US-07-971-978-36  
Sequence 36, Application US/07971978  
Patent No. 5614617  
GENERAL INFORMATION:  
APPLICANT: Cook and Sanghvi  
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine  
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/971,978  
FILING DATE: February 18, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/558,806  
FILING DATE: July 27, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-0333  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: 5-Fluoro-2'-deoxyuridine  
substitution  
NAME/KEY: Modified-site  
LOCATION: 2

OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 3  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 4  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 5  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 6  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 7  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 9  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 11  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 13  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 14  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 15  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
US-07-971-978-36

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 4464 TTTT TTTT TTTT TTTT 4479  
Db 1 TTTT TTTT TTTT TTTT 16

RESULT 564  
US-07-971-978-42  
Sequence 42: Application US/07971978  
Patent No. 5614617  
GENERAL INFORMATION:  
APPLICANT: Cook and Sanghvi  
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine  
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate  
TITLE OF INVENTION: Gene Expression  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and  
ADDRESSEE: No. 5614617is  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/971,978  
FILING DATE: February 18, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/558,806  
FILING DATE: July 27, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-0333  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SRO ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 3  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 4  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 5  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
OTHER INFORMATION: substitution

```

; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 11
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; US-07-971-978-42
Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred.No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      4464 TTTT TTTT TTTT TTTT 4479
      |||||
Db      1 TTTT TTTT TTTT TTTT 16

```

RESULT 565  
US-07-971-978-60  
Sequence 60, Application US/07971978  
Patent No. 5614617  
GENERAL INFORMATION:  
APPLICANT: Cook and Sanhvi  
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine  
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: No. 5614617is
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Luccl
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISTS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution

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FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 9  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 11  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 13  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 14  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 15  
OTHER INFORMATION: 5-iodo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
US-07-971-978-60

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4479  
Db 1 TTTT TTTT TTTT TTTT 16

RESULT 566  
US-08-461-271-6  
Sequence 6, Application US/08461271  
Patent No. 5741643  
GENERAL INFORMATION:  
APPLICANT: Sergei M. Gryaznov  
TITLE OF INVENTION: Oligonucleotide clamps having diagnostic  
TITLE OF INVENTION: and therapeutic applications  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Stephen C. Macevitz, Lynx Therapeutics  
STREET: 465 Lincoln Centre Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 3.1/DOS 5.0  
SOFTWARE: Microsoft Word for Windows, vers. 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461.271  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/087,387

FILING DATE: 2-Jul-93  
ATTORNEY/AGENT INFORMATION:  
NAME: Stephen C. Macevitz  
REGISTRATION NUMBER: 30,285  
REFERENCE/DOCKET NUMBER: 104  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 358-7855  
TELEFAX: (415) 358-7794  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-461-271-6

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4462 ACTT TTTT TTTT TTTT 4477  
Db 1 ACTT TTTT TTTT TTTT 16

RESULT 567  
US-08-415-370-2  
Sequence 2, Application US/08415370  
Patent No. 5801155  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
APPLICANT: Lukhtanov, Eugeny A.  
APPLICANT: Gamper, Howard B.  
APPLICANT: Meyer, Jr., Rich B.  
TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE MINOR  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KLEIN & SZEKERES  
STREET: 4199 Campus Drive, Suite 700  
CITY: Irvine  
STATE: CA  
COUNTRY: USA  
ZIP: 92715

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/415,370  
FILING DATE: 03-Apr-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Szekeres, Gabor L.  
REGISTRATION NUMBER: 28,675  
REFERENCE/DOCKET NUMBER: 491-09-PA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-854-5502  
TELEFAX: 714-854-4897  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-415-370-2

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4479

Db 1 TTTTTTTTTTTTTT 16

RESULT 568  
US-08-713-685A-6  
; Sequence 6, Application US/08713685A  
; Patent No. 5817795  
; GENERAL INFORMATION:  
; APPLICANT: Sergei M. Gryaznov  
; TITLE OF INVENTION: Oligonucleotide clamps having diagnostic  
; TITLE OF INVENTION: and therapeutic applications  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics  
; STREET: 465 Lincoln Centre Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 5.25 inch diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 3.1/DOS 5.0  
; SOFTWARE: Microsoft Word for Windows, vers. 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/713,685A  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/461,271  
; FILING DATE:  
; APPLICATION NUMBER: 08/087,387  
; FILING DATE: 2-Jul-93  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Stephen C. Macevicz  
; REGISTRATION NUMBER: 30,285  
; REFERENCE/DOCKET NUMBER: 104  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 358-7855  
; TELEFAX: (415) 358-7794  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-713-685A-6

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4462 ACTTTTTTTTTTTT 4477  
Db 1 ACTTTTTTTTTTTT 16

RESULT 569  
US-08-689-856-6  
; Sequence 6, Application US/08689856  
; Patent No. 5830658  
; GENERAL INFORMATION:  
; APPLICANT: Sergei M. Gryaznov  
; TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply  
; TITLE OF INVENTION: Connected Macromolecular Structures  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooley Godward LLP  
; STREET: Five Palo Alto Square, 3000 El Camino Real  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA

; ZIP: 94306-2155  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/689,856  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/455,627  
; FILING DATE: 31-MAY-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Nakamura, Jackie N.  
; REGISTRATION NUMBER: 35,966  
; REFERENCE/DOCKET NUMBER: LYNX-003/01 US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-843-5000  
; TELEFAX: 415-857-0663  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; US-08-689-856-6

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4462 ACTTTTTTTTTTTT 4477  
Db 1 ACTTTTTTTTTTTT 16

RESULT 570  
US-08-687-551-15  
; Sequence 15, Application US/08687551  
; Patent No. 5856435  
; GENERAL INFORMATION:  
; APPLICANT: BAZILE, Didier  
; APPLICANT: HELENE, Claude  
; APPLICANT: SPENLEHAUER, Gilles  
; TITLE OF INVENTION: NUCLEIC ACID-CONTAINING COMPOSITION, ITS  
; TITLE OF INVENTION: PREPARATION AND USE  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Rhone-Poulenc Rorer Inc.  
; STREET: 500 Arcola Rd. 3C43  
; CITY: Collegeville  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19426  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/687,551  
; FILING DATE:  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR 94/01381  
; FILING DATE: 08-FEB-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/FR95/00098  
; FILING DATE: 27-JAN-1995  
; ATTORNEY/AGENT INFORMATION:



NAME: Smith Ph.D., Julie K.  
REGISTRATION NUMBER: 38,619  
REFERENCE/DOCKET NUMBER: ST94007-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (610)454-3839  
TELEFAX: (610)454-3808  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "oligonucleotide"  
US-08-687-551-15

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5,7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4479  
|||||  
Db 1 TTTT TTTT TTTT TTTT 16

RESULT 571  
US-09-070-477-6  
Sequence 6, Application US/09070477  
Patent No. 6048974  
GENERAL INFORMATION:  
APPLICANT: Sergei M. Gryaznov  
TITLE OF INVENTION: Oligonucleotide clamps having diagnostic  
TITLE OF INVENTION: and therapeutic applications  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Stephen C. Macevicz, Lynx Therapeutics  
STREET: 465 Lincoln Centre Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 3.1/DOS 5.0  
SOFTWARE: Microsoft word for Windows, verb. 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/070,477  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/713,685  
FILING DATE:  
APPLICATION NUMBER: 08/461,271  
FILING DATE:  
APPLICATION NUMBER: 08/087,387  
FILING DATE: 2-Jul-93  
ATTORNEY/AGENT INFORMATION:  
NAME: Stephen C. Macevicz  
REGISTRATION NUMBER: 30,285  
REFERENCE/DOCKET NUMBER: 104  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 358-7855  
TELEFAX: (415) 358-7794  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-070-477-6

Query Match 0.2%; Score 16; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 5,7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4462 ACTT TTTT TTTT TTTT 4477  
|||||  
Db 1 ACTT TTTT TTTT TTTT 16

RESULT 572  
US-09-141-764-2  
Sequence 2, Application US/09141764  
Patent No. 6084102  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
APPLICANT: Lukhtanov, Eugeny A.  
APPLICANT: Gampet, Howard B.  
APPLICANT: Meyer, Jr., Rich B.  
TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE  
TITLE OF INVENTION: MINOR  
TITLE OF INVENTION: GROOVE BINDER CONJUGATES  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: KLEIN & SZEKERES  
STREET: 4199 Campus Drive, Suite 700  
CITY: Irvine  
STATE: CA  
COUNTRY: USA  
ZIP: 92715  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/141,764  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Szekeres, Gabor L.  
REGISTRATION NUMBER: 28,675  
REFERENCE/DOCKET NUMBER: 491-09-PA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-854-4897  
TELEFAX: 714-854-5502  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-141-764-2

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5,7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4479  
|||||  
Db 1 TTTT TTTT TTTT TTTT 16

RESULT 573  
US-08-851-843A-131/C  
Sequence 131, Application US/08851843A  
Patent No. 6093809  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.

```

; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6093809el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,843A
; FILING DATE: 06-MAY-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-851-843A-131

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTT 4479
Db      16 TTTTTTTTTTTTTT 1

RESULT 574
US-08-854-050-131/c
; Sequence 131, Application US/08854050
; Patent No. 6261836
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6261836el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-854-050-131

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTT 4479
Db      16 TTTTTTTTTTTTTT 1

RESULT 575
US-09-430-323-131/c
; Sequence 131, Application US/09430323
; Patent No. 6309867
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6309867el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
```

```

; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-854-050-131

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTT 4479
Db      16 TTTTTTTTTTTTTT 1

RESULT 575
US-09-430-323-131/c
; Sequence 131, Application US/09430323
; Patent No. 6309867
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6309867el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
```

```

; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/430,323
; FILING DATE: 29-Oct-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-430-323-131

Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 576
US-09-507-345A-2
; Sequence 2, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavlin, Igor V.
; Luktanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-430-323-131

Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 576
US-09-507-345A-2
; Sequence 2, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavlin, Igor V.
; Luktanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-430-323-131
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; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-507-345A-2

Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 577
US-09-619-103-22/C
; Sequence 22, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT FILING DATE: 2000-07-19
; PRIOR FILING DATE: 1999-07-27
; PRIOR APPLICATION NUMBER: 60/145,834
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-22

Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 578
US-09-739-928-2
; Sequence 2, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavlin, Igor V.
; Luktanov, Eugeny A.
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-507-345A-2

Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 578
US-09-739-928-2
; Sequence 2, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavlin, Igor V.
; Luktanov, Eugeny A.
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-507-345A-2
```

```

;
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
;
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESSES:
; ADDRESSER: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
;
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; MOLECULE TYPE: DNA
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-739-928-2
;
Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
Db 1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 579
US-08-821-827C-30
; Sequence 30, Application US/08821827C
; Patent No. 6297425
; GENERAL INFORMATION:
; APPLICANT: Scelonge, Christopher J.
; APPLICANT: Bidney, Dennis L.
; TITLE OF INVENTION: GENE ENCODING OXALATE DECARBOXYLASE FROM
; TITLE OF INVENTION: ASPERGILLUS PHOENICES
; FILE REFERENCE: 0561A
; CURRENT APPLICATION NUMBER: US/08/821,827C
; CURRENT FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```

;
; OTHER INFORMATION: primer
; NAME/KEY: misc feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
;
US-08-821-827C-30
;
Query Match 0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
Db 2 TTTT TTTT TTTT TTTT TTTT 17

RESULT 580
US-09-290-202B-30
; Sequence 30, Application US/09290202B
; Patent No. 6303846
; GENERAL INFORMATION:
; APPLICANT: Scelonge, Christopher J.
; APPLICANT: Bidney, Dennis L.
; TITLE OF INVENTION: GENE ENCODING OXALATE DECARBOXYLASE FROM
; TITLE OF INVENTION: ASPERGILLUS PHOENICES
; FILE REFERENCE: 0561D
; CURRENT APPLICATION NUMBER: US/09/290,202B
; CURRENT FILING DATE: 1999-04-12
; PRIOR APPLICATION NUMBER: 08/821,827
; PRIOR FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
;
US-09-290-202B-30
;
Query Match 0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
Db 2 TTTT TTTT TTTT TTTT TTTT 17

RESULT 581
US-08-584-040-2548
; Sequence 2548, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESSES:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
```

```
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2548:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2548

Query Match      0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 12.5%; Pred. No. 6.5e+02;
Matches 2; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      4462 ACTTTTCTTTTCTT 4477
      ||:|||||:|||||:
      2 ACUUUUUUUUUUUUUU 17

RESULT 582
US-08-584-040-2551
Sequence 2551, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
```

```
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2551:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2551

Query Match      0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 6.5e+02;
Matches 0; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTCTTTTCTTTT 4479
      :|||||:|||||:
      1 UUUUUUUUUUUUUU 16

RESULT 583
US-09-788-338-3
Sequence 3, Application US/09788338
Patent No. 6485916
GENERAL INFORMATION:
APPLICANT: MORAMATSU, TAKAMICHI
APPLICANT: FUJITA, TAKESHI
APPLICANT: KIYAMA, MASAHARU
APPLICANT: IRIE, TAKASHI
TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE
TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED
TITLE OF INVENTION: NUCLEIC ACID SAMPLES THEREBY
FILE REFERENCE: NIT-129-02
CURRENT APPLICATION NUMBER: US/09/788,338
PRIOR FILING DATE: 2001-02-21
PRIOR APPLICATION NUMBER: 09/313,637
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: JP 10-153651
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-788-338-3

Query Match      0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTTCTTTTCTTTT 4484
      |||||||:|||||:
      2 TTTTCTTTTCTTTT 17

RESULT 584
US-09-300-958A-64
Sequence 64, Application US/09300958A
Patent No. 6495319
GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John
APPLICANT: Trenkle, Thomas
```

```
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/09/300,958A
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-300-958A-64

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTT TTTT TTTT TTTT TTTT G 4484
DB 2 TTTT TTTT TTTT TTTT TTTT G 17

RESULT 585
US-09-371-772B-1072
; Sequence 1072, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1072
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1072

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 12.5%; Pred. No. 6.5e+02;
Matches 2; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTT TTTT TTTT TTTT TTTT T 4477
DB 2 ACTUUUUUUUUUUUUUUUUU 17

RESULT 586
US-09-371-772B-1075
; Sequence 1075, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1075

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 6.5e+02;
Matches 0; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT T 4479
DB 1 UUUUUUUUUUUUUUUUU 16

RESULT 587
US-08-927-274A-6/C
; Sequence 6, Application US/08927274A
; Patent No. 6063571
; GENERAL INFORMATION:
; APPLICANT: Unimann, Eugen
; APPLICANT: Breihschl, Gerhard
; APPLICANT: Benner, Steven A.
; APPLICANT: Lutz, Michael
; TITLE OF INVENTION: Process for Amplifying Nucleic Acids
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Finnegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,274A
; FILING DATE: 11-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 19637339.5
; FILING DATE: 13-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Einaudi, Carol P.
; REGISTRATION NUMBER: 32,220
; REFERENCE/DOCKET NUMBER: 02481.1556-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..18
; US-08-927-274A-6

Query Match      0.2%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6856 TTGCCTTCTCCCTGGG 6871
Db      18 TTGCCTTCTCCCTGGG 3

RESULT 588
US-09-637-751A-7
; Sequence 7, Application US/09637751A
; Patent No. 6383754
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roch, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; Patent No. 6383754
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/637,751A
; CURRENT FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; US-09-637-751A-7

Query Match      0.2%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4479
Db      1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 589
US-09-422-978-4670/c
; Sequence 4670, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4670
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
```

```
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-16929 for SEQ 736,
; US-09-422-978-4670

Query Match      0.2%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4153 TTGTCTCTGACCTG 4168
Db      16 TTGTCTCTGACCTG 1

RESULT 590
US-08-650-598-8
; Sequence 8, Application US/08650598
; Patent No. 5877020
; GENERAL INFORMATION:
; APPLICANT: Alitalo, Kari
; TITLE OF INVENTION: Promoter of the Receptor Tyrosine Kinase, TIE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,598
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/310,717
; FILING DATE: 22-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaas, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 28113/33245
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-650-598-8

Query Match      0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2015 CAGGGGATGGGAAAAA 2030
Db      5 CAGGGGATGGGAAAAA 20

RESULT 591
US-09-228-942-7/c
; Sequence 7, Application US/09228942
; Patent No. 6203988
; GENERAL INFORMATION:
; APPLICANT: Kanbara, Hideki
```

```

; APPLICANT: Uematsu, Chihiro
; TITLE OF INVENTION: DNA FRAGMENT ANALYSIS METHOD AND REAGENT KIT
; FILE REFERENCE: ASA-757
; CURRENT APPLICATION NUMBER: US/09/228,942
; CURRENT FILING DATE: 1999-01-12
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-228-942-7

Query Match          0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTT TTTT TTTT TTTT TTTG 4484
DB      20  TTTT TTTT TTTT TTTT TTTG 5

RESULT 592
US-09-965-599-4
; Sequence 4, Application US/09965599
; Patent No. 6555670
; GENERAL INFORMATION:
; APPLICANT: Aizawa, Akira
; APPLICANT: Kawakami, Akiho
; APPLICANT: Kondo, Toshihiko
; TITLE OF INVENTION: Testis-Specific Gene
; FILE REFERENCE: 6920/03871
; CURRENT APPLICATION NUMBER: US/09/965,599
; CURRENT FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer HT15-C
US-09-965-599-4

Query Match          0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4463 CTTT TTTT TTTT TTTT TTTT 4478
DB      4  CTTT TTTT TTTT TTTT TTTT 19

RESULT 593
US-09-198-452A-4311
; Sequence 4311, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflats, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
```

```

US-09-198-452A-4311

Query Match          0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4079 TTGAAATCTTCCCA 4094
DB      2  TTGAAATCTTCCCA 17

RESULT 594
US-08-318-837-37
; Sequence 37, Application US/08318837
; Patent No. 5981277
; GENERAL INFORMATION:
; APPLICANT: FRANSEN, LUCIA; DEVOS, KATHELEN; VAN DE VOORDE,
; APPLICANT: ANDRE, VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: NEW POLYPEPTIDES AND PEPTIDES, NUCLEIC ACID
; TITLE OF INVENTION: CODING FOR THEM, AND THEIR USE IN THE FIELD OF TUMOR THERAPY
; TITLE OF INVENTION: IMMUNOLOGY
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN AND MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/318,837
; FILING DATE: 13-OCT-1994
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP 93/01022
; FILING DATE: 28-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 92.401.231.3
; FILING DATE: 30-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: Mouse
; CELL LINE: PUS-1.8
US-08-318-837-37

Query Match          0.2%; Score 16; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1692 ACAGGGGCGACAGC 1707
DB      4  ACAGGGGCGACAGC 19
```



RESULT 595  
US-08-639A-27/C  
Sequence 27, Application US/0863639A  
Patent No. 5981185  
GENERAL INFORMATION:  
APPLICANT: Matson, Robert S.  
APPLICANT: Coaslin, Peter J.  
APPLICANT: Rampal, Jang B.  
APPLICANT: Caskey, C. T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Mak  
STREET: 225 South Lake Avenue, 9th Floor  
CITY: Pasadena  
STATE: CA  
COUNTRY: USA  
ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MB storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel Wordperfect 8 version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/663,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Mueeth  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
US-08-663-639A-27

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 34 TGCTGACGGCTCCGGCGGGCGGC 57  
DB 24 TGCTGCTGCTCGCGGGCGGCGGC 1

RESULT 596  
US-08-200-807-3/C  
Sequence 3, Application US/08200807  
Patent No. 5573939  
GENERAL INFORMATION:  
APPLICANT: B v.k, Claes Olof, Eriksson, Ulf  
TITLE OF INVENTION: Isolated Protein Receptors, Antibodies Which  
TITLE OF INVENTION: bind Thereto, Nucleic Acid Sequence Coding  
Patent No. 5573939  
TITLE OF INVENTION: Therefore, And Uses Thereof  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felfe & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage  
COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/200,807  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/863,539  
FILING DATE: 15-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 5573939man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 280  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA to mRNA  
HYPOTHETICAL: no  
ANTI-SENSE: no  
US-08-200-807-3

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3418 TTCTCTGTCGTCACATTTCTGTC 3441  
DB 24 TTCTCTGTCGTCACATTTCTGTC 1

RESULT 597  
US-08-242-402-13/C  
Sequence 13, Application US/08242402  
Patent No. 5580967  
GENERAL INFORMATION:  
APPLICANT: JOYCE, GERALD F  
TITLE OF INVENTION: OPTIMIZED CATALYTIC DNA-CLEAVING  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE, OFFICE OF  
ADDRESS: PATENT COUNSEL  
STREET: 10666 NORTH TORREY PINES ROAD, TPC 8  
CITY: LA JOLLA  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patencin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/242,402  
FILING DATE: 13-MAY-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LOGAN, APRIL C  
REGISTRATION NUMBER: 33,950  
REFERENCE/DOCKET NUMBER: TSRI 412.0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-242-402-13

Query Match
Best local Similarity 79.2%; Score 16; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6682 TTAATTTTATTATTAATGAGGCC 6705
Db 24 TTTATTTATTTATTTAGAGGCC 1

RESULT 598
US-08-488-305A-3/C
; Sequence 3, Application US/08488305A
; Patent No. 5679772
; GENERAL INFORMATION:
; APPLICANT: B vik, Claes Olof, Eriksson, Ulf, Peterson, Per A.
; TITLE OF INVENTION: Isolated Protein Receptors, Antibodies which
; TITLE OF INVENTION: Bind Thereof, Nucleic Acid Sequence Coding
; Patent No. 5679772
; TITLE OF INVENTION: Therefore, And Uses Thereof
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felife & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,305A
; FILING DATE: 7-JUNE-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohli, Vineet
; REGISTRATION NUMBER: 37,003
; REFERENCE/DOCKET NUMBER: LUD 5280.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA to mRNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
US-08-488-305A-3

Query Match
Best local Similarity 79.2%; Score 16; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3418 TTCTCTCTGTGCGACATTTTCTGC 3441
Db 24 TTTCTCTGATGCACAGTTGGTGC 1

RESULT 599
US-08-808-474A-9
; Sequence 9, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
```

```
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDAL:001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 740-8800
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-808-474A-9

Query Match
Best local Similarity 79.2%; Score 16; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5325 TTTCCTCTCTTGCGTCACATCTCTC 5348
Db 1 TCTCTCTCTCTCTCTCTCTCTC 24

RESULT 600
US-08-808-474A-10
; Sequence 10, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDAL:001
```

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (214) 740-8000  
TELEFAX: (214) 740-8800  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-808-474A-10

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 37.5%; Pred. No. 1.3e+03;  
Matches 9; Conservative 10; Mismatches 5; Indels 0; Gaps 0;

Qy 5325 TTCTCTCTTGGCTGACTCTCTC 5348  
Db 1 UCUCUCUCUCUCUCUCUCUCUC 24

RESULT 601  
US-08-682-423-26/c  
Sequence 26, Application US/08682423  
Patent No. 6063566  
GENERAL INFORMATION:  
APPLICANT: Joyce, Gerald F.  
TITLE OF INVENTION: NOVEL CATALYTIC RNA MOLECULES  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
ADDRESS: Patent Counsel  
STREET: 10666 No. 6063566th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/682.423  
FILING DATE: 17-JUL-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/242.402  
FILING DATE: 13-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/270.180  
FILING DATE: 01-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Logan, April C.  
REGISTRATION NUMBER: 33,950  
REFERENCE/DOCKET NUMBER: TSRI 412.2  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-682-423-26

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;  
Qy 6682 TTATTTATTTATATATGAGGCC 6705  
Db 1 TTTATTTATTTATTTATTTATTT 24

Db 24 TTTATTTATTTATTTATTTAGAGGCC 1

RESULT 602  
US-09-142-521-6  
Sequence 6, Application US/09142521  
Patent No. 6160102  
GENERAL INFORMATION:  
APPLICANT: GARBESTI Anna Maria,  
APPLICANT: BONAZZI Stefania,  
APPLICANT: ZANELLA Stefania,  
APPLICANT: CAPOBIANCO Massimo Luigi,  
APPLICANT: GIANNINI Giuseppe,  
APPLICANT: ARCAMONE Federico  
TITLE OF INVENTION: OLIGONUCLEOTIDE-ANTHRACYCLINE  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hedman, Gibson & Costigan  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036-2601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk, 3.50 inch.  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/142.521  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: F196A000044  
FILING DATE: 13-MAR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: James V. Costigan  
REGISTRATION NUMBER: 25,669  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-302-8989  
TELEFAX: 212-302-8998  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
US-09-142-521-6

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4464 TTTTATTTATTTATTTATTTGCT 4487  
Db 1 TGCTTTTGTGTTGTTGTTTGT 24

RESULT 603  
US-09-235-614-10  
Sequence 10, Application US/09235614  
Patent No. 6183966  
GENERAL INFORMATION:  
APPLICANT: GRAY, DONALD M.  
APPLICANT: CLARK, CHRISTOPHER L.  
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING  
FILE REFERENCES: 91556/66384  
CURRENT APPLICATION NUMBER: US/09/235.614

```

; CURRENT FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA
US-09-235-614-10

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 37.5%; Pred. No. 1.3e+03;
Matches 9; Conservative 10; Mismatches 5; Indels 0; Gaps 0;

QY      5325 TTCTCTCTTGGCTCACTCTC 5348
Db      1 UCUCUCUCUCUCUCUCUCUCUC 24

RESULT 604
US-09-235-614-11/C
; Sequence 11, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; APPLICANT: CLARK, CHRISTOPHER L.
; TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
; FILE REFERENCE: 9156/66384
; CURRENT FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Hybrid DNA
US-09-235-614-11

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5325 TTCTCTCTTGGCTCACTCTC 5348
Db      24 TCTCTCTCTCTCTCTCTCTC 1

RESULT 605
US-09-018-584A-92/C
; Sequence 92, Application US/09018584A
; Patent No. 6238863
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bachem, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; TITLE OF INVENTION: IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; TITLE OF INVENTION: REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; 
```

```

; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,584A
; FILING DATE: 04-Feb-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026,9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 92:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-09-018-584A-92

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5712 TCCTCTCTCTTGGCTGAGCTT 5735
Db      24 TCCTCTCTCTCTCTCTCTCTTGT 1

RESULT 606
US-09-298-886-6
; Sequence 6, Application US/09298886
; Patent No. 6329170
; GENERAL INFORMATION:
; APPLICANT: Eric H. Holmes et al.
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS OF A RAT GANGLIOSIDE
; TITLE OF INVENTION: GM1-SPECIFIC ALPHA1-2 FUCCOSYLTRANSFERASE AND USES
; FILE REFERENCE: 8511-029
; CURRENT APPLICATION NUMBER: US/09/298,886
; CURRENT FILING DATE: 1999-04-26
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-298-886-6

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      643 GCCCTGTCAGCGCCAGATCCTT 666
Db      1 GCCATGCGCAGCGCCAGATTCCT 24

RESULT 607
US-09-006-755B-10/C
; Sequence 10, Application US/09006755B
; Patent No. 6451759
; GENERAL INFORMATION:
; 
```

APPLICANT: Kang, Sang-Mo  
APPLICANT: Braet, Andries E  
APPLICANT: Baekkekov, Steinunn  
APPLICANT: Stock, Peter G.  
APPLICANT: The Regents of the University of California  
TITLE OF INVENTION: A No. 6451759cleavable Fas Ligand  
FILE REFERENCE: 18062K-000500US  
CURRENT APPLICATION NUMBER: US/09/006,755B  
CURRENT FILING DATE: 1998-01-14  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 10  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer B for  
US-09-006-755B-10

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 6124 GGGTGGAGCTATTGGGTATCCTG 6147  
Db 24 GGGGTGGCTATTGGCTAGCCTG 1

RESULT 608  
US-09-356-806-82/c  
Sequence 82, Application US/09356806  
Patent No. 6586175  
GENERAL INFORMATION:  
APPLICANT: Penny, Laura  
APPLICANT: Galvin, Margaret  
APPLICANT: Miller, Andrew  
APPLICANT: Reidy, Michael  
TITLE OF INVENTION: Genotyping Human  
TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and  
FILE REFERENCE: SEQ-22PRV2  
CURRENT APPLICATION NUMBER: US/09/356,806  
CURRENT FILING DATE: 1999-07-20  
NUMBER OF SEQ ID NOS: 164  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 82  
LENGTH: 24  
TYPE: DNA  
ORGANISM: H. sapiens  
US-09-356-806-82

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4456 GCAGGACTTTTCTTTTCTTTT 4479  
Db 24 GAAAAATTTTCTTTTCTTTT 1

RESULT 609  
US-09-999-672-6  
Sequence 6, Application US/09999672  
Patent No. 6656714  
GENERAL INFORMATION:  
APPLICANT: Eric H. Holmes et al.  
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS OF A RAT GANGLIOSIDE  
TITLE OF INVENTION: GMI-SPECIFIC ALPHA1-2 FUCOSYLTRANSFERASE AND USES  
FILE REFERENCE: 8511-029  
CURRENT APPLICATION NUMBER: US/09/999,672  
CURRENT FILING DATE: 2001-10-31

PRIOR APPLICATION NUMBER: US/09/298,886  
PRIOR FILING DATE: 1999-04-26  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 6  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-999-672-6

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 643 GCCCTGGTCAGCGCGCAGATCCCT 666  
Db 1 GCCATGGCCAGCGCGCCAGTTCTT 24

RESULT 610  
PCT-US93-08329-4/c  
Sequence 4, Application PC/TUS9308329  
GENERAL INFORMATION:  
APPLICANT: Teal, Ming-Jer  
APPLICANT: Hogan, Michael H  
APPLICANT: O'Malley, Bert W  
APPLICANT: Ing, Nancy H  
TITLE OF INVENTION: Novel Triplex Forming Oligonucleotides  
TITLE OF INVENTION: and Methods for their use  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fulbright & Jaworski Patent Department  
STREET: 1301 McKinney #5100  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77010-3095  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/08329  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Adler, Benjamin A  
REGISTRATION NUMBER: 35,423  
REFERENCE/DOCKET NUMBER: d5486  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713-651-5151  
TELEFAX: 713-651-5346  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
ANTI-SENSE: NO  
PCT-US93-08329-4

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5703 CCTTCCTTCCTCTCTCTCTT 5726  
Db 24 CCTTCCTCTCTCTCTTATCTT 1

RESULT 611  
PCT-US95-05141-26/c  
; Sequence 26, Application PC/TUS9505141  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: NOVEL ENZYMATIC RNA MOLECULES  
; NUMBER OF SEQUENCES: 29  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/05141  
; FILING DATE: 26-APR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/242,402  
; FILING DATE: 13-MAY-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/270,180  
; FILING DATE: 01-JUL-1994  
; INFORMATION FOR SEQ ID NO: 26:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
PCT-US95-05141-26

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6682 TTATTTTATATATATGAGGCC 6705  
DB 24 TTTTATTTATTTATTTAGAGGCC 1

RESULT 612  
US-09-422-978-5276/c  
; Sequence 5276, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSER.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 5276  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-23123 for SHQ 1342.  
US-09-422-978-5276

Query Match 0.2%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 8.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3851 CTCCTTTCTCCTATTC 3869  
DB 19 CTCCTTTCTCCTTTGCC 1

RESULT 613  
US-08-117-952-613  
; Sequence 613, Application US/08117952  
; Patent No. 5851760  
; GENERAL INFORMATION:  
; APPLICANT: Evans, Glen A.  
; APPLICANT: Smith, Michael W.  
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
; NUMBER OF SEQUENCES: 797  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark  
; STREET: 444 South Flower Street, Suite 2000  
; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/117,952  
; FILING DATE: 07-SEP-1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/078,471  
; FILING DATE: 15-JUN-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Reiter, Stephen E.  
; REGISTRATION NUMBER: 31,192  
; REFERENCE/DOCKET NUMBER: P41 9423  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-546-4737  
; TELEFAX: 619-546-9392  
; INFORMATION FOR SEQ ID NO: 613:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Oligonucleotide  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-117-952-613

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3706 TTGGAAGGATTTACTTC 3724  
DB 2 TTGGAAGGAGTGATTTCC 20

RESULT 614  
US-08-173-489C-18  
; Sequence 18, Application US/08173489C  
; Patent No. 5861244  
; GENERAL INFORMATION:  
; APPLICANT: MANG, C. -G.  
; APPLICANT: HEPBURN, A. G.  
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
; NUMBER OF SEQUENCES: 365  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44mb storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Wordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173.489C  
FILING DATE: 22 DEC 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/968.436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Handelsman, Joseph H.  
REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: US518-6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (attorney) (212) 708-1880  
TELEFAX: (attorney) (212) 246-8959  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: chld strand derived from n-myc  
DESCRIPTION: sequence region in Seq ID No. 586124417  
HYPOTHEICAL: Yes  
ANTI-SENSE: No  
PUBLICATION INFORMATION:  
RELEVANT RESIDUES IN SEQ ID NO: 18 :FROM 1 TO 20  
US-08-173-489C-18

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 744 CTCCTCTCTCTACCGCCT 762  
Db 2 CTCCTCTCTCTCCCCCCT 20

RESULT 615  
US-08-910-629A-14  
Sequence 14, Application US/08910629A  
Patent No. 5877309  
GENERAL INFORMATION:  
APPLICANT: Robert A. McKay  
APPLICANT: Nicholas M. Dean  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK  
TITLE OF INVENTION: PROTEINS  
NUMBER OF SEQUENCES: 86  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB  
COMPUTER: PENTIUM  
OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/910.629A  
FILING DATE: August 13, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0215  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-910-629A-14

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5876 GGCTTAGCTCTTGACTGC 5894  
Db 2 GGCTTAGCTCTTGATTGC 20

RESULT 616  
US-08-507-032-8/c  
Sequence 8, Application US/08507032  
Patent No. 5989810  
GENERAL INFORMATION:  
APPLICANT: Flanagan, William A.  
APPLICANT: Crabtree, Gerald R.  
TITLE OF INVENTION: Screening Methods for Immunosuppressive  
TITLE OF INVENTION: Agents  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: William M. Smith  
STREET: One Market Plaza, Stewart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/507.032  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/228.944  
FILING DATE:  
APPLICATION NUMBER: US 07/749.385  
FILING DATE: 22-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William M.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 5490A-89  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-326-2400  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:

```

; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..20
; OTHER INFORMATION: /note= "Purine Rich Core Sequence"
US-08-507-032-8

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5308 AGTTGTGTTCTCTCCTTT 5326
Db      20 AGCTGGTCTCTCCCTT 2

RESULT 617
US-08-914-961-2/c
; Sequence 2, Application US/08914961
; Patent No. 6018042
; GENERAL INFORMATION:
; APPLICANT: Mett, Helmut
; APPLICANT: Haner, Robert
; APPLICANT: Dean, Nicholas Mark
; TITLE OF INVENTION: Antitumor Antisense Oligonucleotides
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII Editor
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/914,961
; FILING DATE: 20-AUG-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/287,753
; FILING DATE: 09-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Spurrill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 4-20047/P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8615
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; POSITION IN GENOME:
; MAP POSITION: -80
; UNITS: bp
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..20
; OTHER INFORMATION: /note= "All nucleotides are of the
; OTHER INFORMATION: phosphorothioate type"
US-08-914-961-2
```

```

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      47 GCGGCGGCGGCAACGAGG 65
Db      20 GCGGCGGCGGCGGCGG 2

RESULT 618
US-09-357-070-22/c
; Sequence 22, Application US/09357070
; Patent No. 6046049
; GENERAL INFORMATION:
; APPLICANT: Bret P. Monia
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
; FILE REFERENCE: RTS-0076
; CURRENT APPLICATION NUMBER: US/09/357,070
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-22

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5932 CCACCTGGGCTGACTGCC 5950
Db      19 CCCCTGGGCTGACTGCC 1

RESULT 619
US-09-287-796-14
; Sequence 14, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Bret
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-14

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5876 GGCTAGCTCTTGACTGC 5894
Db      19 GGCTAGCTCTTGACTGC 1
```



Db 2 GGCTTAGCTCTTGATTGC 20

RESULT 620  
US-09-444-053-26/c  
; Sequence 26, Application US/09444053A  
; Patent No. 6165728  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION  
; FILE REFERENCE: RTS-0122  
; CURRENT APPLICATION NUMBER: US/09/444,053A  
; CURRENT FILING DATE: 1999-11-19  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 26  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-444-053-26

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 914 AGGTGCTGACATCAGAA 932  
Db 19 AGGAGCTGACATCAGAA 1

RESULT 621  
US-09-030-701-65  
; Sequence 65, Application US/09030701B  
; Patent No. 6214806  
; GENERAL INFORMATION:  
; APPLICANT: Kriegl, Arthur M.  
; APPLICANT: Schwartz, David A.  
; TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING  
; TITLE OF INVENTION: UNMETHYLATED CPG DINUCLEOTIDE IN THE TREATMENT OF  
; FILE REFERENCE: C1039/7011  
; CURRENT APPLICATION NUMBER: US/09/030,701B  
; CURRENT FILING DATE: 1998-02-25  
; PRIOR APPLICATION NUMBER: 60/039,405  
; PRIOR FILING DATE: 1997-02-28  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: PaetsEQ for Windows Version 3.0  
; SEQ ID NO 65  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-09-030-701-65

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 64 GGCTGCGGGCGCGCGCG 82  
Db 1 GCGCGCGCGCGCGCGCG 19

RESULT 622  
US-09-130-616-14  
; Sequence 14, Application US/09130616C  
; Patent No. 6221850  
; GENERAL INFORMATION:  
; APPLICANT: McKay, Robert A.  
; APPLICANT: Dean, Nicholas M.

; APPLICANT: Montia, Brett  
; APPLICANT: Nero, Pam  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS  
; FILE REFERENCE: ISPH-0318  
; CURRENT APPLICATION NUMBER: US/09/130,616C  
; CURRENT FILING DATE: 1998-08-07  
; EARLIER APPLICATION NUMBER: 08/910,629  
; EARLIER FILING DATE: 1997-08-03  
; NUMBER OF SEQ ID NOS: 178  
; SEQ ID NO 14  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-130-616-14

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5876 GGCTTAGCTCTTGACTGC 5894  
Db 2 GGCTTAGCTCTTGATTGC 20

RESULT 623  
US-09-657-042A-39/c  
; Sequence 39, Application US/09657042A  
; Patent No. 6329203  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRES  
; FILE REFERENCE: RTS-0148  
; CURRENT APPLICATION NUMBER: US/09/657,042A  
; CURRENT FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 39  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-042A-39

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7414 AGCAGCAGCAGCAGCA 7432  
Db 20 AGCAGCAGCTCCAGCAGCA 2

RESULT 624  
US-09-082-649B-57  
; Sequence 57, Application US/09082649B  
; Patent No. 633068  
; GENERAL INFORMATION:  
; APPLICANT: Davis, Heather L.  
; APPLICANT: Kriegl, Arthur M.  
; APPLICANT: Schorr, Joachim  
; APPLICANT: Wu, Tong  
; TITLE OF INVENTION: Vectors and Methods for Immunization or  
; TITLE OF INVENTION: Therapeutic Protocols  
; FILE REFERENCE: C1039/7009  
; CURRENT APPLICATION NUMBER: US/09/082,649B  
; CURRENT FILING DATE: 1998-05-20  
; PRIOR APPLICATION NUMBER: US 60/047,233  
; PRIOR FILING DATE: 1997-05-20

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? PRIOR APPLICATION NUMBER: US 60/047,209
? PRIOR FILING DATE: 1997-05-20
? NUMBER OF SEQ ID NOS: 85
? SOFTWARE: FastSeq for Windows Version 3.0
? SEQ ID NO 57
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: synthetic oligonucleotide
? US-09-083-649B-57

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Query Match	0.2%	Score 15.8;	DB 1;	Length 20;
Best Local Similarity	89.5%;	Pred. No. 9.8e+02;		
Matches 17; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

**DY**      64 GCTGCGGGGCGGCG 82  
         |||||  
**Db**      1 GGCGCGGCGGCGGCG 19

RESULT 625  
US-09-232-346-59/c  
; Sequence 59, Application US/09232346

```

1  GENERAL INFORMATION:
2  APPLICANT: Cradtree, Gerald R.
3  APPLICANT: No. 6352830throp, Jeffrey P.
4  APPLICANT: Ho, Steffan M.
5  APPLICANT: Flanagan, William M.
6  TITLE OF INVENTION: NF-AT POLYPEPTIDES AND POLYNUCLEOTIDES AND SCREENING
7  TITLE OF INVENTION: METHODS FOR IMMUNOSUPPRESSIVE AGENTS
8  FILE REFERENCE: APV-008.04
9  CURRENT APPLICATION NUMBER: US/09/232,346
10 CURRENT FILING DATE: 1999-01-15
11 PRIOR APPLICATION NUMBER: 08/507,032
12 PRIOR FILING DATE: 1995-07-31
13 PRIOR APPLICATION NUMBER: 08/228,944
14 PRIOR FILING DATE: 1994-04-18
15 PRIOR APPLICATION NUMBER: 07/749,385
16 PRIOR FILING DATE: 1991-08-22
17 PRIOR APPLICATION NUMBER: 08/260,174
18 PRIOR FILING DATE: 1994-06-13
19 PRIOR APPLICATION NUMBER: 08/124,981
20 PRIOR FILING DATE: 1993-09-20
21 NUMBER OF SEQ ID NOS: 62
22 SOFTWARE: PatentIn Ver. 2.0
23 SEQ ID NO 59
24 ?
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Query Match	0.2%	Score 15.8;	DB 1;	Length 20;
Best Local Similarity	89.5%;	Pred. No. 9.8e+02;		
Matches 17;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

QY	5308	AGTTTGCTCTCTCCTT	5326
Db	20	AGCTGGTCTCTCCTT	2

RESULT 626  
 US-09-732-199A-54  
 ; Sequence 54, Application US/09732199A  
 ; Patent No. 6379960  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ian Popoff  
 ; APPLICANT: Jacqueline Wyatt  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4

```

1  TITLE OF INVENTION:  EXPRESSION
2
3  FILE REFERENCE:  RTS-0214
4
5  CURRENT APPLICATION NUMBER:  US/09/732,199A
6
7  CURRENT FILING DATE:  2000-12-06
8
9  NUMBER OF SEQ ID NOS:  57
10
11  SEQ ID NO 54
12
13  LENGTH:  20
14
15  TYPE:  DNA
16
17  ORGANISM:  Artificial Sequence
18
19  FEATURE:
20
21  OTHER INFORMATION:  Antisense Oligonucleotide
22
23  US-09-732-199A-54

```

Query Match	0.2%	Score 15.8;	DB 1;	length 20;
Best Local Similarity	89.5%;	Pred. No. 9.8e+02;		
Matches 17;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

QY 2900 AGGATGCGCTTGTTTCCTTC 2918  
 |||||  
 Db 2 AGGAGCGCTTGTTTCATTC 20

RESULT 627  
US-08-108-591B-5/c  
! Sequence 5, Application US/08108591B

```

1 GENERAL INFORMATION:
2 APPLICANT: Buchardt, Ole
3 APPLICANT: Egholm, Michael
4 APPLICANT: Nielsen, Peter Biggil
5 APPLICANT: Berg, Jost Henrik
6 TITLE OR INVENTION: Peptide Nucleic Acids
7 FILE REFERENCE: IS150540
8 CURRENT APPLICATION NUMBER: US/08/108,591B
9 CURRENT FILING DATE: 2001-08-13
10 NUMBER OF SEQ ID NOS: 43
11 SOFTWARE: PatentIn version 3.1
12 SEQ ID NO 5
13 LENGTH: 20
14 TYPE: DNA
15 ORGANISM: Artificial Sequence
16 FEATURE:
17 OTHER INFORMATION: No. 6395474e1 Sequence
18 US-08-108-591B-5
19

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Query Match	0.2%	Score 15.8;	DB 1;	Length 20;
Best Local Similarity	89.5%;	Pred. No. 9.8e+02;		
Matches 17; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

[illegible]

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RESULT 628
US-09-535-008-11
; Sequence 11, Application US/09535008
; Patent No. 6465629
; GENERAL INFORMATION:
; APPLICANT: Wong, Alexander K.C.
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.-F.
; TITLE OF INVENTION: BRG1 IS A TUMOR SUPPRESSOR THAT IS MUTATED IN PROSTATE
; TITLE OF INVENTION: AND OTHER CANCER TYPES
; FILE REFERENCE: 2318-259
; CURRENT APPLICATION NUMBER: US/09/535,008
; CURRENT FILING DATE: 2000-03-23
; EARLIER APPLICATION NUMBER: U.S. 60/125,806
; EARLIER FILING DATE: 1999-03-23
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 20

```

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-535-008-11
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2662 GACAGAGCATGACAGTG 2680
Db      2 GAGAGGAGGATGACAGTG 20

RESULT 629
US-09-690-364-99/c
; Sequence 99, Application US/09690364
; Patent No. 6468795
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION
; FILE REFERENCE: RTS-0190
; CURRENT APPLICATION NUMBER: US/09/690,364
; CURRENT FILING DATE: 2000-10-17
; NUMBER OF SEQ ID NOS: 100
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-690-364-99

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5475 TTTTGTAAAGATATT 5493
Db      20 TTTTGTAAATATAATT 2

RESULT 630
US-09-725-265-35/c
; Sequence 35, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHITO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAKU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953USOXDIY
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-35
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Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6681 GTTATTTTATTATATAT 6699
Db      19 GTTTTATTATATATAT 1

RESULT 631
US-09-422-978-7625
; Sequence 7625, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7625
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-9751 for SEQ 3691,
US-09-422-978-7625

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4741 CTGAGGAGAGGCTCA 4759
Db      2 CTGAGGAGAGAGGCTCA 20

RESULT 632
US-09-422-978-9563
; Sequence 9563, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9563
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
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; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-5712 for SEQ 1698, in compleme
US-09-422-978-9563
Query Match 0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3637 GAGGAGCTAGATGGGGAAG 3655
Db 1 GAGGAGCTAGAGAGAGAAG 19

RESULT 633
US-09-422-978-10315
; Sequence 10315, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10315
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21_bind
; OTHER INFORMATION: downstream amplification primer 99-11089 for SEQ 2450, in compleme
US-09-422-978-10315
Query Match 0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1630 CGGAAGATTTCAGAGATG 1648
Db 1 CGGAAGATTTCACAGATG 19

RESULT 634
US-08-546-130A-23
; Sequence 23, Application US/08546130A
; Patent No. 5801021
; GENERAL INFORMATION:
; APPLICANT: Gray, Joe W.
; APPLICANT: Collins, Colin
; APPLICANT: Pinkel, Daniel
; APPLICANT: Kallioniemi, Olli-Pekka
; APPLICANT: Tanner, Minna M.
; TITLE OF INVENTION: Amplifications of Chromosomal Region
; TITLE OF INVENTION: 20q13 as a Prognostic Indicator in Breast Cancer
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/546,130A
; FILING DATE: 20-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Hunter, Tom
; REGISTRATION NUMBER: 38,498
; REFERENCE/DOCKET NUMBER: 02307E-051630US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-546-130A-23
Query Match 0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6024 CACACCTGTCCACTCTTG 6042
Db 4 CAAACCTGTCCACTCTTG 22

RESULT 635
US-08-680-395-31
; Sequence 31, Application US/08680395
; Patent No. 5892010
; GENERAL INFORMATION:
; APPLICANT: Gray, Joe W.
; APPLICANT: Collins, Colin
; APPLICANT: Hwang, Soo-in
; APPLICANT: Godfrey, Tony
; APPLICANT: Kowbel, David
; APPLICANT: Rommens, Johanna
; TITLE OF INVENTION: Genes from the 20q13 Amplicon and Their
; TITLE OF INVENTION: Uses
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,395
; FILING DATE: 15-JUL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Baetian, Kevin L.
; REGISTRATION NUMBER: 34,774
; REFERENCE/DOCKET NUMBER: 02307O-068900US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
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STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-680-395-31

Query Match 0.2%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6024 CACACCTGTCCACTCTCTTG 6042  
Db 4 CAAACCTGTCCACTCTCTTG 22

RESULT 636  
US-08-291-011-9  
Sequence 9, Application US/08291011  
Patent No. 5936079  
GENERAL INFORMATION:  
APPLICANT: Re, Richard N.  
APPLICANT: Cook, Julia  
TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY  
TITLE OF INVENTION: OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSER: SCULLY, SCOTT, MURPHY & PRESSER  
STREET: 400 Garden City Plaza  
City: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/291.011  
FILING DATE: 15-AUG-1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Digiglio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 85152Y  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-291-011-9

Query Match 0.2%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6073 TCTGCTCTTTCTCTCTT 6091  
Db 3 TCTGCTCTTTCTCTCTT 21

RESULT 637  
US-09-066-641-12  
Sequence 12, Application US/0906641  
Patent No. 6268184  
GENERAL INFORMATION:  
APPLICANT: GRAY, JOE W

APPLICANT: COLLINS, COLIN  
APPLICANT: PINKEL, DANIEL  
APPLICANT: KALITONENI, OLLI-PEKKA  
APPLICANT: TANNER, MINNA M  
TITLE OF INVENTION: AMPLIFICATIONS OF CHROMOSOMAL REGION 20013 AS A  
TITLE OF INVENTION: PROGNOSTIC INDICATOR IN BREAST CANCER  
FILE REFERENCE: 2500.136US2 20013  
CURRENT APPLICATION NUMBER: US/09/066.641  
CURRENT FILING DATE: 1998-04-24  
EARLIER APPLICATION NUMBER: 08/546.130  
EARLIER FILING DATE: 1995-10-20  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 12  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: forward  
US-09-066-641-12

Query Match 0.2%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6024 CACACCTGTCCACTCTCTTG 6042  
Db 4 CAAACCTGTCCACTCTCTTG 22

RESULT 638  
US-09-266-065-9  
Sequence 9, Application US/09266065  
Patent No. 6303328  
GENERAL INFORMATION:  
APPLICANT: Re, Richard N.  
APPLICANT: Cook, Julia  
TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY  
TITLE OF INVENTION: OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSER: SCULLY, SCOTT, MURPHY & PRESSER  
STREET: 400 Garden City Plaza  
City: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/266.065  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/291.011  
FILING DATE: 15-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Digiglio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 85152Y  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-266-065-9

Query Match          0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6073 TCTGTCCTTTCTTTCTTT 6091
DB      3 TCTCTCTCTTTCTCTTT 21

RESULT 639
US-09-935-247-9
; Sequence 9, Application US/09935247
; Patent No. 6645944
; GENERAL INFORMATION:
; APPLICANT: Re, Richard N.
; TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
; OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
; P53 PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSER: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/935,247
; FILING DATE: 22-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/266,065
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 85152Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-935-247-9

Query Match          0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6073 TCTGTCCTTTCTTTCTTT 6091
DB      3 TCTCTCTCTTTCTCTTT 21

RESULT 640
US-09-262-773-203
```

```
; Sequence 203, Application US/09262773
; Patent No. 6225451
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis G.
; APPLICANT: Ding, Wei
; APPLICANT: Wagner, Susanne
; APPLICANT: Hess, Mark A.
; TITLE OF INVENTION: CHROMOSOME 11-LINKED CORONARY HEART DISEASE
; TITLE OF INVENTION: SUSCEPTIBILITY GENE CHD1
; FILE REFERENCE: Myriad 3
; CURRENT APPLICATION NUMBER: US/09/262,773
; CURRENT FILING DATE: 1999-03-04
; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 203
; LENGTH: 23
; TYPE: DNA
; ORGANISM: DNA fragment
US-09-262-773-203

Query Match          0.2%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3621 TGGGCTGGGGCTGGGAG 3639
DB      5 TGGGCTGGGGCTGGGGCTG 23

RESULT 641
US-08-934-386-30
; Sequence 30, Application US/08934386
; Patent No. 6306636
; GENERAL INFORMATION:
; APPLICANT: Haseikorn, Robert
; APPLICANT: Gornicki, Piotr
; TITLE OF INVENTION: Methods for Detecting Nucleic Acid
; TITLE OF INVENTION: Segments Encoding Acetyl-CoA Carboxylase
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Arnold, White & Durkee
; STREET: P.O. Box 433
; CITY: Houston
; STATE: Texas
; COUNTRY: US
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,386
; FILING DATE: 19-SEP-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kitchell, Barbara S.
; REGISTRATION NUMBER: 33,928
; REFERENCE/DOCKET NUMBER: ARSB:521
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (713) 789-2679
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-934-386-30

Query Match          0.2%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy 5087 AACACTGATCTGCCCTGT 5105  
Db 2 AACACTGATCTGCCCTGT 20

## RESULT 642

US-10-238-483-1/C  
Sequence 1, Application US/10238483  
Patent No. 6605602  
GENERAL INFORMATION:  
APPLICANT: Vatec, Abhay  
TITLE OF INVENTION: Method for Detecting BK Virus-Associated Nephropathy  
TITLE OF INVENTION: In Renal Transplants  
TITLE OF INVENTION: Patients and Related Compositions  
FILE REFERENCE: 010605  
CURRENT APPLICATION NUMBER: US/10/238,483  
CURRENT FILING DATE: 2002-09-10  
PRIOR APPLICATION NUMBER: US/09/967,025  
PRIOR FILING DATE: 2001-09-28  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 1  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: VP-1 forward primer  
US-10-238-483-1

Query Match 0.2%; Score 15.8; DB 1; Length 23;  
Best Local Similarity 89.5%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3911 GCATTTTCACTCTGGCT 3929  
Db 23 GCATTTTCTCTCGGCT 5

## RESULT 643

US-08-520-928-3/C  
Sequence 3, Application US/08520928  
Patent No. 5763244  
GENERAL INFORMATION:  
APPLICANT: WONG-MADDEN, SHARON  
TITLE OF INVENTION: METHOD FOR CLONING AND EXPRESSION OF  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEW ENGLAND BIOLABS, INC.  
STREET: 32 TOZER ROAD  
CITY: BEVERLY  
STATE: MASSACHUSETTS  
COUNTRY: USA  
ZIP: 01915  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/520,928  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: WILLIAMS, GREGORY D.  
REGISTRATION NUMBER: 30901  
REFERENCE/DOCKET NUMBER: NEB-115  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (508) 927-1705  
TELEFAX: (508) 927-5054  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: synthetic oligonucleotide  
US-08-520-928-3

Query Match 0.2%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5210 GGCTAGATCAGGGGCACT 5228  
Db 19 GGCTAGATCAGGGCTCT 1

## RESULT 644

US-08-570-155-17  
Sequence 17, Application US/08570155  
Patent No. 5962332  
GENERAL INFORMATION:  
APPLICANT: Singer, Robert H.  
APPLICANT: Taneja, Krishan L.  
TITLE OF INVENTION: DETECTION OF TRINUCLEOTIDE REPEATS  
TITLE OF INVENTION: BY IN SITU HYBRIDIZATION  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FISH & RICHARDSON P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version  
SOFTWARE: #1.30B  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/570,155  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/399,499  
FILING DATE: 07 March 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/214,823  
FILING DATE: 17 March 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 06353/011001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154

INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-570-155-17

Query Match 0.2%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 64 GGCTGCGGGGCGGGCGG 82  
Db 3 GGCGGCGGCGGGCGGCGG 21

```
RESULT 645
US-09-004-113-23
; Sequence 23, Application US/09004113
; Patent No. 6028185
; GENERAL INFORMATION:
; APPLICANT: Ozias-Akins, Peggy
; APPLICANT: Hanna, Wayne W.
; APPLICANT: Roche, Dominique
; TITLE OF INVENTION: Nucleic Acid Markers for
; TITLE OF INVENTION: Apoptosis-Specific Genomic Region
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gail E. Poulos
; STREET: Room 407, Bldg. 005, BARC-W
; CITY: Beltsville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20705
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/004,113
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Poulos, Gail E.
; REGISTRATION NUMBER: 36,327
; REFERENCE/DOCKET NUMBER: 0008, 98
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-504-5302
; TELEFAX: 301-504-5060
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; IMMEDIATE SOURCE:
; CLONE: A14M primer 1
; US-09-004-113-23
Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5520 TTGAGATTATTCCTGTTG 5538
Db 5 TTGAGTTATTCCTATTG 23
RESULT 646
US-08-974-549A-472/C
; Sequence 472, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
```

```
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17685
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph Ted
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 472:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..24
; OTHER INFORMATION: /note="s1ant1.2 primer"
; US-08-974-549A-472
Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 231 GGGAGCAGCTGGCGGCGCT 249
Db 24 GGGTGCAGCTGGCGGAGCT 6
```



RESULT 647  
US-08-912-951-239/c  
Sequence 239, Application US/08912951  
Patent No. 6475789  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, William H.  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND  
TITLE OF INVENTION: THERAPEUTIC METHODS  
NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/912,951  
FILING DATE: 14-AUG-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002600US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 239:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-912-951-239

Query Match 0.28; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 GGGAGCAGCTGGCGGCGCT 249

Db 24 GGGTGCAGCTGGCGGAGCT 6  
RESULT 648  
US-09-402-181B-472/c  
Sequence 472, Application US/09402181B  
Patent No. 6610839  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, William H.  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
NUMBER OF SEQUENCES: 633  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,181B  
FILING DATE: 29-SEP-1997  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Auehnhue, Scott L.  
REGISTRATION NUMBER: 42,271  
REFERENCE/DOCKET NUMBER: 015389-002620US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 472:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..24  
OTHER INFORMATION: /note="glanti.2 primer"  
SEQUENCE DESCRIPTION: SEQ ID NO: 472:  
US-09-402-181B-472

Query Match 0.2%; Score 15.8; DB 1; length 24;  
Best Local Similarity 89.5%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 GGGAGCAGCTGCGGGCGCT 249  
DB 24 GGGTCAGCTGCGGGAGCT 6

RESULT 649  
US-09-721-456-472/C  
Sequence 472, Application US/09721456  
Patent No. 6617110

## GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin B.  
Andrews, William H.  
TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
NUMBER OF SEQUENCES: 727  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/721,456  
FILING DATE: 22-No. 6617110-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,549A  
FILING DATE: 19-NOV-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: WO PCT/US97/17618  
FILING DATE: 01-OCT-1997  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997

## ATTORNEY/AGENT INFORMATION:

NAME: Apple, Randolph Ted  
REGISTRATION NUMBER: 36,429

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 472:  
SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:

NAME/KEY: -  
LOCATION: 1..24

OTHER INFORMATION: /note= "slant1.2 primer"  
SEQUENCE DESCRIPTION: SEQ ID NO: 472:

US-09-721-456-472

Query Match 0.2%; Score 15.8; DB 1; length 24;  
Best Local Similarity 89.5%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 GGGAGCAGCTGCGGGCGCT 249  
DB 24 GGGTCAGCTGCGGGAGCT 6

RESULT 650  
US-08-208-486-79

Sequence 79, Application US/08208486  
Patent No. 5389531

## GENERAL INFORMATION:

APPLICANT: Ico, Junetsu  
TITLE OF INVENTION: METHODS TO REPLICATE DNA IN VITRO USING  
TITLE OF INVENTION: PRDI-CATALYZED DNA REPLICATION SYSTEMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cahill, Sutton & Thomas  
STREET: 155 Park One, 2141 E. Highland Ave.  
CITY: Phoenix  
STATE: Arizona  
COUNTRY: U.S.A.  
ZIP: 85016

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch, 1.2 Mb  
COMPUTER: Packard Bell (IBM PC/AT compatible)  
OPERATING SYSTEM: MS-Dos, Version 5.0  
SOFTWARE: Wordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/208,486  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/869,916  
FILING DATE: April 14, 1992  
APPLICATION NUMBER: Japan 240525/91  
FILING DATE: August 26, 1991

## ATTORNEY/AGENT INFORMATION:

NAME: Janelle Faunce Raupp  
REGISTRATION NUMBER: 30,485  
REFERENCE/DOCKET NUMBER: #3954-A-7  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (602) 956-7000  
TELEFAX: (602) 495-9475

INFORMATION FOR SEQ ID NO: 79:  
SEQUENCE CHARACTERISTICS:

LENGTH: 27 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid (synthetic DNA)

US-08-208-486-79

Query Match 0.2%; Score 15.8; DB 1; length 27;  
Best Local Similarity 74.1%; Pred. No. 1.7e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAAAAA 4038  
||||| | ||||| | ||||| |||

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

```
RESULT 651
US-09-244-794A-8
; Sequence 8, Application US/09244794A
; Patent No. 6214553
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-244-794A-8
```

Query Match 0.2%; Score 15.8; DB 1; Length 29;  
Best Local Similarity 74.1%; Pred. No. 1.9e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAGAAACAA 4038  
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

```
RESULT 652
US-09-007-005-8
; Sequence 8, Application US/09007005B
; Patent No. 6238558
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350003
; CURRENT APPLICATION NUMBER: US/09/007,005B
; CURRENT FILING DATE: 1998-01-14
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-007-005-8
```

Query Match 0.2%; Score 15.8; DB 1; Length 29;  
Best Local Similarity 74.1%; Pred. No. 1.9e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAGAAACAA 4038

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

```
RESULT 653
US-09-247-190-8
; Sequence 8, Application US/09247190
; Patent No. 6261804
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/247,190
; CURRENT FILING DATE: 1999-02-09
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-21
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-247-190-8
```

Query Match 0.2%; Score 15.8; DB 1; Length 29;  
Best Local Similarity 74.1%; Pred. No. 1.9e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAGAAACAA 4038  
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

```
RESULT 654
US-09-244-796-8
; Sequence 8, Application US/09244796
; Patent No. 6281344
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350007
; CURRENT APPLICATION NUMBER: US/09/244,796
; CURRENT FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-244-796-8
```

Query Match 0.2%; Score 15.8; DB 1; Length 29;  
Best Local Similarity 74.1%; Pred. No. 1.9e+03;

Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAAAACAA 4038

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

## RESULT 655

US-09-238-710-8

; Sequence 8, Application US/09238710A

; Patent No. 6518018

; GENERAL INFORMATION:

; APPLICANT: Szostak, Jack W.

; APPLICANT: Roberts, Richard W.

; APPLICANT: Liu, Rih

; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN

; FILE REFERENCE: 00786/350004

; CURRENT APPLICATION NUMBER: US/09/238,710A

; EARLIER FILING DATE: 1999-01-28

; EARLIER APPLICATION NUMBER: 60/035,963

; EARLIER FILING DATE: 1997-01-27

; EARLIER APPLICATION NUMBER: 60/064,491

; EARLIER FILING DATE: 1997-11-06

; EARLIER APPLICATION NUMBER: 09/007,005

; EARLIER FILING DATE: 1998-01-14

; NUMBER OF SEQ ID NOS: 33

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 8

; LENGTH: 29

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Translation template

US-09-238-710-8

Query Match 0.2%; Score 15.8; DB 1; Length 29;

Best Local Similarity 74.1%; Pred. No. 1.9e+03;

Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAAAACAA 4038

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

## RESULT 656

US-09-282-734-3

; Sequence 3, Application US/09282734A

; Patent No. 6537749

; GENERAL INFORMATION:

; APPLICANT: Robert G. Kuimelis et al.

; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS

; FILE REFERENCE: 50036/009002

; CURRENT APPLICATION NUMBER: US/09/282,734A

; CURRENT FILING DATE: 1999-03-03

; EARLIER APPLICATION NUMBER: 60/080,686

; EARLIER FILING DATE: 1998-04-03

; NUMBER OF SEQ ID NOS: 29

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 3

; LENGTH: 29

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide used for attaching puromycin

US-09-282-734-3

Query Match 0.2%; Score 15.8; DB 1; Length 29;

Best Local Similarity 74.1%; Pred. No. 1.9e+03;

Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAAAACAA 4038

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

## RESULT 657

US-08-400-275-13/c

; Sequence 13, Application US/08400275

; Patent No. 5668295

; GENERAL INFORMATION:

; APPLICANT: Mahab, Samir Z.

; APPLICANT: Malik, Vedpal S.

; TITLE OF INVENTION: PUTRESCINE N-METHYLTRANSFERASE,

; TITLE OF INVENTION: RECOMBINANT DNA MOLECULES ENCODING PUTRESCINE

; TITLE OF INVENTION: N-METHYLTRANSFERASE, AND TRANSGENIC TOBACCO PLANTS WITH

; TITLE OF INVENTION: ALTERED NICOTINE CONTENT

; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

; ADDRESS: Fish & Neave

; STREET: 1251 Ave. of the Americas

; CITY: New York

; STATE: NY

; COUNTRY: USA

; ZIP: 10020

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/400,275

; FILING DATE:

; CLASSIFICATION: 800

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/076,681

; FILING DATE:

; APPLICATION NUMBER: US 07/613,160

; FILING DATE: 14-NOV-1990

; ATTORNEY/AGENT INFORMATION:

; NAME: Creason, Gary L

; REGISTRATION NUMBER: 34,310

; REFERENCE/DOCKET NUMBER: PM-1696

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 212-596-9000

; TELEFAX: 212-596-9090

; INFORMATION FOR SEQ ID NO: 13:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 29 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; HYPOETHERICAL: YES

; ANTI-SENSE: NO

US-08-400-275-13

Query Match 0.2%; Score 15.8; DB 1; Length 29;

Best Local Similarity 74.1%; Pred. No. 1.9e+03;

Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAAAACAA 4038

Db 27 AAAAAAAAAAAAAAAAAAGAAATTCAAA 1

## RESULT 658

US-08-910-632-6/c

; Sequence 6, Application US/08910632B

; Patent No. 6077668

; GENERAL INFORMATION:

; APPLICANT: KOOL, ERIC T.

; TITLE OF INVENTION: HIGHLY SENSITIVE MULTIMERIC NUCLEIC ACID PROBES

; FILE REFERENCE: 220,00010130

; CURRENT APPLICATION NUMBER: US/08/910,632B

; CURRENT FILING DATE: 1997-08-13

EARLIER APPLICATION NUMBER: 08/805,631  
EARLIER FILING DATE: 1997-02-26  
EARLIER APPLICATION NUMBER: 08/393,439  
EARLIER FILING DATE: 1995-02-23  
EARLIER APPLICATION NUMBER: 08/047,860  
EARLIER FILING DATE: 1993-04-15  
NUMBER OF SEQ ID NOS: 83  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO: 6  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: multimer  
US-08-910-632-6

Query Match 0.2%; Score 15.8; DB 1; Length 29;  
Best Local Similarity 74.1%; Pred. No. 1.9e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAAAACAA 4038  
Db 27 AAAAACAACAAAAAACAACA 1

RESULT 659  
US-08-805-631A-6/c  
Sequence 6, Application US/08805631A  
Patent No. 6096880  
GENERAL INFORMATION:  
APPLICANT: UNIVERSITY OF ROCHESTER  
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND  
NUMBER OF SEQUENCES: 72  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.  
STREET: 119 No. 6096880th Fourth Street, Suite 201  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/805,631A  
FILING DATE: 26-FEB-97  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/393,439  
FILING DATE: 23-FEB-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/047,860  
FILING DATE: 15-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDBERG, VICTORIA A.  
REGISTRATION NUMBER: 41,287  
REFERENCE/DOCKET NUMBER: 220,00010140  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-305-1226  
TELEFAX: 612-305-1228  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 29 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-805-631A-6  
Query Match 0.2%; Score 15.8; DB 1; Length 29;

Best Local Similarity 74.1%; Pred. No. 1.9e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAAAACAA 4038  
Db 27 AAAAACAACAAAAAACAACA 1

RESULT 660  
US-09-569-344-6/c  
Sequence 6, Application US/09569344  
Patent No. 6368802  
GENERAL INFORMATION:  
APPLICANT: UNIVERSITY OF ROCHESTER  
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND  
NUMBER OF SEQUENCES: 72  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.  
STREET: 119 No. 6368802th Fourth Street, Suite 201  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/569,344  
FILING DATE: 11-May-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/805,631  
FILING DATE: 26-FEB-97  
APPLICATION NUMBER: US 08/393,439  
FILING DATE: 23-FEB-1995  
APPLICATION NUMBER: US 08/047,860  
FILING DATE: 15-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDBERG, VICTORIA A.  
REGISTRATION NUMBER: 41,287  
REFERENCE/DOCKET NUMBER: 220,00010140  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-305-1226  
TELEFAX: 612-305-1228  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 29 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-569-344-6  
Query Match 0.2%; Score 15.8; DB 1; Length 29;  
Best Local Similarity 74.1%; Pred. No. 1.9e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAAAACAA 4038  
Db 27 AAAAACAACAAAAAACAACA 1

RESULT 661  
US-09-648-040-4  
Sequence 4, Application US/09648040  
Patent No. 6436665  
GENERAL INFORMATION:  
APPLICANT: Robert G. Kuimelis  
TITLE OF INVENTION: METHODS FOR CODING AND SORTING IN VITRO

```
; TITLE OF INVENTION: TRANSLATED PROTEINS
; FILE REFERENCE: 50036/032002
; CURRENT APPLICATION NUMBER: US/09/648,040
; CURRENT FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/151,261
; PRIOR FILING DATE: 1999-08-27
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Encoding molecule
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: n at position 10 can be a, t, c, or g.
US-09-648-040-4

Query Match          0.2%; Score 15.8; DB 1; Length 30;
Best Local Similarity 71.4%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 662
US-09-725-265-9/c
; Sequence 9, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOTAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 19953USOXDV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-9

Query Match          0.2%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAAA 4038
Db 30 AAAAAAAAAAAAAAAAAAAATATA 4

RESULT 663
US-09-750-401-10/c
; Sequence 10, Application US/09750401
; Patent No. 6635422

; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; TITLE OF INVENTION: complexes
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of GADD45
US-09-750-401-10

Query Match          0.2%; Score 15.8; DB 1; Length 32;
Best Local Similarity 74.1%; Pred. No. 2.1e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAAA 4038
Db 29 AAGACCAAAAAAAAAAAAAAAAAA 3

RESULT 664
5478746-1
; Patent No. 5478746
; APPLICANT: COHEN, JEFFREY I.; PORCELL, ROBERT H.; FEINSTONE,
; STEPHEN M.; TICEHURST, JOHN R.
; TITLE OF INVENTION: CDNA ENCODING ATTENUATED CELL CULTURE
; ADAPTED HEPATITIS A VIRUS GENOME
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/120,646
; FILING DATE: 13-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 789,640
; FILING DATE: 12-NOV-1991
; APPLICATION NUMBER: 462,916
; FILING DATE: 12-JAN-1990
; APPLICATION NUMBER: 88,220
; FILING DATE: 24-AUG-1987
; APPLICATION NUMBER: 905,146
; FILING DATE: 09-SEP-1986
; APPLICATION NUMBER: 652,067
; FILING DATE: 19-SEP-1984
; APPLICATION NUMBER: 366,165
; FILING DATE: 07-APR-1982
; SEQ ID NO:1
; LENGTH: 33
5478746-1

Query Match          0.2%; Score 15.8; DB 1; Length 33;
Best Local Similarity 74.1%; Pred. No. 2.2e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4011 TAAATGAGAAAAAGAGAGAAACAA 4037
Db 2 TAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 665
US-08-937-067-17
; Sequence 17, Application US/08937067
; Patent No. 643155
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuil
```

APPLICANT: Melkonyan, Hovsep  
TITLE OF INVENTION: A FAMILY OF GENES ENCODING  
TITLE OF INVENTION: APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND  
TITLE OF INVENTION: METHODS OF USE THEREOF  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/937,067  
FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Lehnardt, Susan K.  
REGISTRATION NUMBER: 33,943  
REFERENCE/DOCKET NUMBER: 23647-20018.00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 813-5600  
TELEFAX: (650) 494-0792  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-937-067-17

Query Match 0.2%; Score 15.6; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 7.7e+02;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 4468 TTTTGTGTTTGTG 4484  
|||||  
Db 1 TTTTGTGTTTGTG 17

RESULT 666  
US-08-056-200-35/c  
Sequence 35, Application US/08056200  
Patent No. 5616500  
GENERAL INFORMATION:  
APPLICANT: Steinert, Peter M.  
APPLICANT: Lee, Seung-Chul  
APPLICANT: Kim, In-Gyu  
APPLICANT: Chung, Soo-Il  
APPLICANT: Park, Sang-Chul  
TITLE OF INVENTION: Trichohyalin and Transglutaminase-3 and  
TITLE OF INVENTION: Methods of Using Same  
NUMBER OF SEQUENCES: 117  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive, Sixteenth Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/056,200  
FILING DATE: 30-APR-1993

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Fedrick, Michael F.  
REGISTRATION NUMBER: 36,799  
REFERENCE/DOCKET NUMBER: NIH054.001A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (714) 760-0404  
TELEFAX: (714) 760-9502  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-056-200-35

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6693 TATATGAGGCGCTAGGCCAAT 6714  
|||||  
Db 22 TGTATGTGGGCGCTAGGTCACT 1

RESULT 667  
US-08-056-200-39  
Sequence 39, Application US/08056200  
Patent No. 5616500  
GENERAL INFORMATION:  
APPLICANT: Steinert, Peter M.  
APPLICANT: Lee, Seung-Chul  
APPLICANT: Kim, In-Gyu  
APPLICANT: Chung, Soo-Il  
APPLICANT: Park, Sang-Chul  
TITLE OF INVENTION: Trichohyalin and Transglutaminase-3 and  
TITLE OF INVENTION: Methods of Using Same  
NUMBER OF SEQUENCES: 117  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive, Sixteenth Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/056,200  
FILING DATE: 30-APR-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Fedrick, Michael F.  
REGISTRATION NUMBER: 36,799  
REFERENCE/DOCKET NUMBER: NIH054.001A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (714) 760-0404  
TELEFAX: (714) 760-9502  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

US-08-056-200-39

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6693 TATATAGGGGCTTAGCCAT 6714  
| | | | | | | | | | | | | | | | | | | | | |  
DB 1 TGTATGTGGGCTTAGCTAGT 22

RESULT 669

US-08-410-540-20/c  
; Sequence 20, Application US/08410540  
; Patent No. 5807678  
; GENERAL INFORMATION:  
; APPLICANT: Miller, Walter L.  
; APPLICANT: Lin, Dong  
; APPLICANT: Straus III, Jerome F.  
; TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS  
; TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA  
; NUMBER OF SEQUENCES: 30  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum  
; STREET: 5 Palo Alto Square  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94306-2155  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; FILING DATE: 23-MAR-1995  
; APPLICATION NUMBER: US/08/410,540  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Neeley, Richard L.  
; REGISTRATION NUMBER: 30,092  
; REFERENCE/DOCKET NUMBER: UCAL-238/00US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415 853 5070  
; TELEFAX: 415 857 0663  
; TELEX: 380816COOLEXPY  
; INFORMATION FOR SEQ ID NO: 20:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (synthetic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-410-540-20

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 984 CAAGAGATCAAGGCTGAAG 1005  
| | | | | | | | | | | | | | | | | | | | | |  
DB 22 CAAGGCATCAAGGCTTTCAG 1

RESULT 669  
US-08-499-899-1  
; Sequence 1, Application US/08499899  
; Patent No. 5814445  
; GENERAL INFORMATION:  
; APPLICANT: Belyavsky et al.  
; TITLE OF INVENTION: Method Of Identification And

; TITLE OF INVENTION: Cloning Differentially Expressed  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hoffmann & Baron  
; STREET: 350 Jericho Turnpike  
; CITY: Jericho  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 11753

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MB storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: Wordperfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/499,899  
; FILING DATE: July 11, 1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: O'Dea, Sean W.  
; REGISTRATION NUMBER: 37690  
; REFERENCE/DOCKET NUMBER: 454-8  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (516) 822-3550  
; TELEFAX: (516) 822-3582  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-499-899-1

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4455 GCGATGACCTTTTCTTTT 4476  
| | | | | | | | | | | | | | | | | | | | | |  
DB 1 GGGAGGCCCTTTTCTTTT 22

RESULT 670  
US-08-800-644-35/c  
; Sequence 35, Application US/08800644  
; Patent No. 5956752  
; GENERAL INFORMATION:  
; APPLICANT: Steinert, Peter M.  
; APPLICANT: Lee, Seung-Chul  
; APPLICANT: Kim, In-Gyu  
; APPLICANT: Chung, Soo-Il  
; APPLICANT: Park, Sang-Chul  
; TITLE OF INVENTION: Trichomyalin and Transglutaminase-3 and  
; TITLE OF INVENTION: Methods of Using Same  
; NUMBER OF SEQUENCES: 117  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Knobe, Martens, Olson & Bear  
; STREET: 620 Newport Center Drive, Sixteenth Floor  
; CITY: Newport Beach  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 92660  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/800,644  
; FILING DATE: 14-FEB-1997  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:



APPLICATION NUMBER: US 08/056,200  
FILING DATE: 30-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fedick, Michael F.  
REGISTRATION NUMBER: 36,799  
REFERENCE/DOCKET NUMBER: NIH054.001A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (714) 760-0404  
TELEFAX: (714) 760-9502  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-800-644-35

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. NO. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6693 TATATGCGGCGCTAGGCCAAT 6714  
DB 22 TGTATGTGGGCGCTAGGTCAGT 1

RESULT 671  
US-08-800-644-39  
Sequence 39, Application US/08800644  
Patent No. 5958752  
GENERAL INFORMATION:  
APPLICANT: Steinert, Peter M.  
APPLICANT: Lee, Seung-Chul  
APPLICANT: Kim, In-Gyu  
APPLICANT: Chung, Soo-Il  
APPLICANT: Park, Sang-Chul  
TITLE OF INVENTION: Trichohyalin and Transeglutaminase-3 and  
TITLE OF INVENTION: Methods of Using Same  
NUMBER OF SEQUENCES: 117  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive, Sixteenth Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/800,644  
FILING DATE: 14-FEB-1997  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/056,200  
FILING DATE: 30-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fedick, Michael F.  
REGISTRATION NUMBER: 36,799  
REFERENCE/DOCKET NUMBER: NIH054.001A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (714) 760-0404  
TELEFAX: (714) 760-9502  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-800-644-39

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. NO. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6693 TATATGCGGCGCTAGGCCAAT 6714  
DB 1 TGTATGTGGGCGCTAGGTCAGT 22

RESULT 672  
US-08-964-143-1  
Sequence 1, Application US/08964143  
Patent No. 6120996  
GENERAL INFORMATION:  
APPLICANT: Belyavsky et al.  
TITLE OF INVENTION: Method of Identification And  
TITLE OF INVENTION: Cloning Differentially Expressed  
TITLE OF INVENTION: Messenger RNAs  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann & Baron  
STREET: 350 Jericho Turnpike  
CITY: Jericho  
STATE: New York  
COUNTRY: USA  
ZIP: 11753  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/964,143  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/499,899  
FILING DATE: July 11, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: O'Dea, Sean W.  
REGISTRATION NUMBER: 37690  
REFERENCE/DOCKET NUMBER: 454-8  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 822-3550  
TELEFAX: (516) 822-3582  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-964-143-1

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. NO. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4455 GGCATGACCTTTTCTTTT 4476  
DB 1 GCGAGGCCCTTTTCTTTT 22

RESULT 673  
US-09-344-667-43/C  
Sequence 43, Application US/09344667A  
Patent No. 6361944  
GENERAL INFORMATION:



OTHER INFORMATION: Description of Artificial Sequence: random  
OTHER INFORMATION: synthetic sequence  
US-09-693-352-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492  
DB 22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1

RESULT 677  
US-09-693-005A-43/c  
Sequence 43, Application US/09693005A  
Patent No. 6495324  
GENERAL INFORMATION:  
APPLICANT: Mitkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghamian, Robert  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-L  
CURRENT APPLICATION NUMBER: US/09/693, 005A  
CURRENT FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 09/344, 667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240, 755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031, 809  
PRIOR FILING DATE: 1996-07-29  
NUMBER OF SEQ ID NOS: 49  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-693-005A-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492  
DB 22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1

RESULT 678  
US-09-693-005A-46/c  
Sequence 46, Application US/09693005A  
Patent No. 6495324  
GENERAL INFORMATION:  
APPLICANT: Mitkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghamian, Robert  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-L  
CURRENT APPLICATION NUMBER: US/09/693, 005A  
CURRENT FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 09/344, 667  
PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240, 755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031, 809  
PRIOR FILING DATE: 1996-07-29  
NUMBER OF SEQ ID NOS: 49  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 46  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-693-005A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492  
DB 22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1

RESULT 679  
US-09-603-830-43/c  
Sequence 43, Application US/09603830  
Patent No. 6506564  
GENERAL INFORMATION:  
APPLICANT: Mitkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghamian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 4149-1-1-1-1  
CURRENT APPLICATION NUMBER: US/09/603, 830  
CURRENT FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 60/031, 809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 09/240, 755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: 09/344, 667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 60/200, 161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-603-830-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492  
DB 22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1

RESULT 680

```
US-09-603-830-46/c
; Sequence 46, Application US/09603830
; Patent No. 6506564
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 4149-1-1-11
; CURRENT APPLICATION NUMBER: US/09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-603-830-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTT TTTT TTTT TTTT GTCCTGAGA 4492
DB      22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 681
US-09-687-910-4/c
; Sequence 4, Application US/09687910
; Patent No. 6509157
; GENERAL INFORMATION:
; APPLICANT: Roche Molecular Systems
; TITLE OF INVENTION: 3' BLOCKED NUCLEIC ACID AMPLIFICATION PRIMERS
; FILE REFERENCE: 1072
; CURRENT APPLICATION NUMBER: US/09/687,910
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/163,890
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: synthetic construct
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1..1)
; OTHER INFORMATION: Description of synthetic construct: HIV-1 primer
US-09-687-910-4

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      1969 CAACAGCCAGTATATTCCTGG 1990
DB      22 CAACAGAGTGCATTCCTGG 1

RESULT 682
US-09-976-978A-43/c
; Sequence 43, Application US/09976978A
; Patent No. 6532097
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,978A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-978A-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTT TTTT TTTT TTTT GTCCTGAGA 4492
DB      22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 683
US-09-976-978A-46/c
; Sequence 46, Application US/09976978A
; Patent No. 6532097
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,978A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
```

PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 46  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:random  
US-09-976-978A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4471 TTTTCTTTTGTCTTGAGA 4492  
DB 22 TTTTCTTTTGTCTTGAGA 1

RESULT 684  
US-09-961-949A-43/C  
Sequence 43, Application US/09961949A  
Patent No. 6582921  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghamian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-11  
CURRENT APPLICATION NUMBER: US/09/961,949A  
PRIOR FILING DATE: 2001-09-20  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:random  
US-09-961-949A-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4471 TTTTCTTTTGTCTTGAGA 4492  
DB 22 TTTTCTTTTGTCTTGAGA 1

DB 22 TTTTCTTTTGTCTTGAGA 1

RESULT 685  
US-09-961-949A-46/C  
Sequence 46, Application US/09961949A  
Patent No. 6582921  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghamian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-11  
CURRENT APPLICATION NUMBER: US/09/961,949A  
PRIOR FILING DATE: 2001-09-20  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 46  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:random  
US-09-961-949A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4471 TTTTCTTTTGTCTTGAGA 4492  
DB 22 TTTTCTTTTGTCTTGAGA 1

RESULT 686  
US-09-966-491A-43/C  
Sequence 43, Application US/09966491A  
Patent No. 6610491  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghamian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-14  
CURRENT APPLICATION NUMBER: US/09/966,491A  
PRIOR FILING DATE: 2002-03-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29



```
OTHER INFORMATION: synthetic sequence
US-09-957-313A-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTT TTTT TTTT TTTT GCTTGAGA 4492
DB      22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 690
US-09-957-313A-46/C
Sequence 46, Application US/09957313A
Patent No. 6645721
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elshanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-13
CURRENT APPLICATION NUMBER: US/09/957,313A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 46
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-957-313A-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTT TTTT TTTT TTTT GCTTGAGA 4492
DB      22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 691
US-09-966-312-43/C
Sequence 43, Application US/09966312
Patent No. 6673548
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elshanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
```

```
FILE REFERENCE: 00-713-15
CURRENT APPLICATION NUMBER: US/09/966,312
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 43
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-966-312-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTT TTTT TTTT TTTT GCTTGAGA 4492
DB      22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 692
US-09-966-312-46/C
Sequence 46, Application US/09966312
Patent No. 6673548
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elshanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-15
CURRENT APPLICATION NUMBER: US/09/966,312
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 46
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-966-312-46
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Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTTCTGAGA 4492  
Db 22 TTTTCTTTTCTTCTGAGA 1

RESULT 693

US-09-975-062A-43/C  
Sequence 43, Application US/09975062A  
Patent No. 6677122  
GENERAL INFORMATION:  
APPLICANT: Mitkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-111  
CURRENT APPLICATION NUMBER: US/09/975,062A  
CURRENT FILING DATE: 2001-10-11  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1997-07-29  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-975-062A-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTTCTGAGA 4492  
Db 22 TTTTCTTTTCTTCTGAGA 1

RESULT 694

US-09-975-062A-46/C  
Sequence 46, Application US/09975062A  
Patent No. 6677122  
GENERAL INFORMATION:  
APPLICANT: Mitkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-111  
CURRENT APPLICATION NUMBER: US/09/975,062A

CURRENT FILING DATE: 2001-10-11  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1997-07-29  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 46  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-975-062A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTTCTGAGA 4492  
Db 22 TTTTCTTTTCTTCTGAGA 1

RESULT 695

US-09-976-971A-43/C  
Sequence 43, Application US/09976971A  
Patent No. 6682895  
GENERAL INFORMATION:  
APPLICANT: Mitkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-118  
CURRENT APPLICATION NUMBER: US/09/976,971A  
CURRENT FILING DATE: 2001-10-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1997-07-29  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-971A-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;



Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492  
Db 22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 696

US-09-976-971A-46/c  
Sequence 46, Application US/09976971A  
Patent No. 6682895  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Leubinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchhoff, James J.  
APPLICANT: Elghamian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 00-713-118  
CURRENT APPLICATION NUMBER: US/09/976,971A  
PRIOR FILING DATE: 2001-10-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 46  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-971A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492  
Db 22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 697

US-08-025-038-2/c  
Sequence 2, Application US/08025038  
Patent No. 5545526  
GENERAL INFORMATION:  
APPLICANT: BAXTER-LOWE, Lee-Ann  
TITLE OF INVENTION: Method for HLA Typing  
NUMBER OF SEQUENCES: 46  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 777 E. Wisconsin Avenue  
CITY: Milwaukee  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53202-5367  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/025,038  
FILING DATE: 19930301  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/544,218  
FILING DATE: 27-JUN-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Meyers, Philip G.  
REGISTRATION NUMBER: 30,478  
REFERENCE/DOCKET NUMBER: 204 854  
TELEPHONE: (414)289-3761  
TELEFAX: (414)289-3791  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-025-038-2

Query Match 0.2%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 1.4e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGAAGCTTCACAGACGAGCTGCG 1631  
Db 22 AGAGCTTCACAGTGCGACGCGCG 1

RESULT 698

US-08-484-557C-13  
Sequence 13, Application US/08484557C  
Patent No. 5693502  
GENERAL INFORMATION:  
APPLICANT: LARRY GOLD  
APPLICANT: SUMEDHA JAYASENA  
TITLE OF INVENTION: NUCLEIC ACID LIGAND  
TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASIS  
NUMBER OF SEQUENCES: 74  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Swanson and Bratschun, L.L.C.  
STREET: 8400 East Prentice Avenue, Suite 200  
CITY: Denver  
STATE: Colorado  
COUNTRY: USA  
ZIP: 80111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb  
MEDIUM TYPE: storage.  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,557C  
FILING DATE: 7-JUNE-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/714,131  
FILING DATE: 10-JUNE-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/536,428  
FILING DATE: 11-JUNE-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/964,624  
FILING DATE: 21-OCTOBER-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Diane Cruz  
REGISTRATION NUMBER: 33,960

REFERENCE/DOCKET NUMBER: NEX43-3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (303) 793-3333  
TELEFAX: (303) 793-3433  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-484-557C-13

Query Match 0.2%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 1.4e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4458 ATGACTTTTGTGTTGTTT 4479  
Db 1 ATGCTTTTGTGTTGTTT 22

RESULT 699  
US-08-487-426B-13  
Sequence 13, Application US/08487426B  
Patent No. 5763173  
GENERAL INFORMATION:  
APPLICANT: LARRY GOLD  
APPLICANT: SUMEDHA JAYASENA  
TITLE OF INVENTION: NUCLEIC ACID LIGAND  
TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES  
NUMBER OF SEQUENCES: 74  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Swanson and Bratechun, L.L.C.  
STREET: 8400 East Prentice Avenue, Suite 200  
CITY: Denver  
STATE: Colorado  
COUNTRY: USA  
ZIP: 80111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 8.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,426B  
FILING DATE: 7-JUNE-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/714,131  
FILING DATE: 10-JUNE-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/536,428  
FILING DATE: 11-JUNE-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/964,624  
FILING DATE: 21-OCTOBER-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Diane Cruz  
REGISTRATION NUMBER: 33,960  
REFERENCE/DOCKET NUMBER: NEX43-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (303) 793-3333  
TELEFAX: (303) 793-3433  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-487-426B-13

Query Match 0.2%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 1.4e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4458 ATGACTTTTGTGTTGTTT 4479  
Db 1 ATGCTTTTGTGTTGTTT 22

RESULT 700  
US-08-659-605A-19/C  
Sequence 19, Application US/08659605A  
Patent No. 5780233  
GENERAL INFORMATION:  
APPLICANT: Guo, Zhen  
APPLICANT: Smith, Lloyd M  
TITLE OF INVENTION: Artificial Mismatch Hybridization  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Quarles & Brady  
STREET: 1 South Pinckney St.  
CITY: Madison  
STATE: WI  
COUNTRY: US  
ZIP: 53703  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/659,605A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Berson, Bennett J  
REGISTRATION NUMBER: 37094  
REFERENCE/DOCKET NUMBER: 960296.93901  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 608-251-5000  
TELEFAX: 608-251-9166  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "oligonucleotide"  
US-08-659-605A-19

Query Match 0.2%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 1.4e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1610 AGAAGCTTCAAGACGAGCTGCG 1631  
Db 22 AGAGCTTCAAGAGCGGCG 1

RESULT 701  
US-08-450-945-52/C  
Sequence 52, Application US/08450945  
Patent No. 5783383  
GENERAL INFORMATION:  
APPLICANT: Kondo, Kazuhiro  
APPLICANT: Mocaraki, Edward S. Jr.  
TITLE OF INVENTION: LATENT TRANSCRIPTS AND PROMOTERS  
TITLE OF INVENTION: OF CYTOMEGALOVIRUS  
NUMBER OF SEQUENCES: 75  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates

STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/450,945  
FILING DATE: 23-MAY-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Sholtz, Charles K.  
REGISTRATION NUMBER: 38,615  
REFERENCE/DOCKET NUMBER: 8600-0157  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: unknown  
MOLECULE TYPE: mRNA to cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: 3' end sequence of PON2225  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 0..1  
OTHER INFORMATION: /note= "between 0 and 1, ""  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 23...  
OTHER INFORMATION: /note= "after 23, ""  
US-08-450-945-52

Query Match 0.2%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 1.4e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5467 CTCTGATTTTGTAAAGA 5488  
|||  
Db 22 CTCGATTCCTGTAAAAA 1

RESULT 702  
US-08-487-720A-13  
Sequence 13, Application US/08487720A  
Patent No. 5874557  
GENERAL INFORMATION:  
APPLICANT: LARRY GOLD  
APPLICANT: SUMEDHA JAYASENA  
TITLE OF INVENTION: NUCLEIC ACID LIGAND  
TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES  
NUMBER OF SEQUENCES: 74  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Swanson and Bratschun, L.L.C.  
STREET: 8400 East Prentice Avenue, Suite 200  
CITY: Denver  
STATE: Colorado  
COUNTRY: USA  
ZIP: 80111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
OPERATING SYSTEM: IBM Compatible  
SOFTWARE: MS-DOS

SOFTWARE: WordPerfect 8.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,720A  
FILING DATE: 7-JUNE-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/714,131  
FILING DATE: 10-JUNE-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/536,428  
FILING DATE: 11-JUNE-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/964,624  
FILING DATE: 21-OCTOBER-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Diane Cruz  
REGISTRATION NUMBER: 33,960  
REFERENCE/DOCKET NUMBER: NEX43-2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (303) 793-3333  
TELEFAX: (303) 793-3433  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-487-720A-13

Query Match 0.2%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 1.4e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4458 ATGACTTTTTTTTTTTT 4479  
|||  
Db 1 ATGCTTTTGTGTTGTTT 22

RESULT 703  
US-08-637-115-3/C  
Sequence 3, Application US/08637115  
Patent No. 5994064  
GENERAL INFORMATION:  
APPLICANT: STAUB, RICK  
APPLICANT: CARRICO, MICHAEL  
TITLE OF INVENTION: SIMPLE AND COMPLEX TANDEM REPEATS WITH DNA TYPING METH  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Baker & Botts, L.L.P.  
STREET: 910 Louisiana  
CITY: Houston  
STATE: TX  
COUNTRY: USA  
ZIP: 77002-4995  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/637,115  
FILING DATE: 24-APR-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Tutley, Patrick  
REGISTRATION NUMBER: 35723  
REFERENCE/DOCKET NUMBER: 062481.0101  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713-229-1791

```

TELEFAX: 713-229-1522
;
; Telex:
;
; INFORMATION FOR SEQ ID NO: 3:
;
; SEQUENCE CHARACTERISTICS:
;     LENGTH: 23 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;
; MOLECULE TYPE: Genomic DNA
;
; HYPOTHETICAL: NO
;
; ANTI-SENSE: NO
;
; FRAGMENT TYPE:
;
; ORIGINAL SOURCE:
;
US-08-637-115-3

Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      4464 TTTTGTGTTTTTTTGTTCG 4485
          |||||
Db       23 TGTTGGTTTGTTTGGTTTGT 2

RESULT 704
US-08-976-161-52/C
; Sequence 52, Application US/08976161
; Patent No. 6194542
; GENERAL INFORMATION:
; APPLICANT: Kondo, Kazuhiko
; APPLICANT: Mocareki, Edward S. Jr.
; TITLE OF INVENTION: LATENT TRANSCRIPTS AND PROMOTERS
; TITLE OF INVENTION: OF CYTOMEGALOVIRUS
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/976,161
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/450,945
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sholtz, Charles K.
; REGISTRATION NUMBER: 38,615
; REFERENCE/DOCKET NUMBER: 8600-0157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
;     LENGTH: 23 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: both
;     TOPOLOGY: unknown
;
; MOLECULE TYPE: mRNA to cDNA
;
; HYPOTHETICAL: NO
;
; ANTI-SENSE: NO
;
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: 3' end sequence of PON2225
; FEATURE:
; NAME/KEY: misc_feature

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; LOCATION: 0..1
; OTHER INFORMATION: /note= "between 0 and 1, "...""
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 23...
; OTHER INFORMATION: /note= "after 23, "...""
US-08-976-161-52

Query Match 0.2% Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8% Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5467 CTCGATTTTGTAAAGA 5488
DB 22 CTCGATTCCTGTAAAAA 1

RESULT 705
US-09-338-907-461
; Sequence 461, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilyu, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPICP
; CURRENT FILING DATE: US/09/338, 907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 461
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..23
; OTHER INFORMATION: microsequencing oligo for 4-60-293.mis1
US-09-338-907-461

Query Match 0.2% Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8% Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3959 ATGTTCAATATTTCTTAACG 3980
DB 1 AAGTTCAATATTTCTTAACG 22

RESULT 706
US-09-282-147-30
; Sequence 30, Application US/09282147
; Patent No. 6274147
; GENERAL INFORMATION:
; APPLICANT: VAKHARIA, Vikram
; APPLICANT: YAO, Kun
; TITLE OF INVENTION: METHOD FOR GENERATING NONPATHOGENIC, INFECTIOUS
; TITLE OF INVENTION: PANCREATIC NECROSIS VIRUS (IPNV) FROM SYNTHETIC RNA
; TITLE OF INVENTION: TRANSCRIPTS
; FILE REFERENCE: 8288-9023
; CURRENT APPLICATION NUMBER: US/09/282,147
; CURRENT FILING DATE: 1999-03-31
; EARLIER APPLICATION NUMBER: US/60/080,278
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: PCT/US97/12955

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; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 30
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-282-147-30

Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2898 GTAGATGCTTGTCTTCT 2919
Db      1 GTAGATGCTTGTCTTCT 22

RESULT 707
US-09-218-207-461
; Sequence 461, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET 018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent .pm
; SEQ ID NO 461
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: m1ec_feature
; LOCATION: 1..23
; OTHER INFORMATION: microsequencing oligo for 4-60-293.m1e1
US-09-218-207-461

Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3959 ATGTTCAATATTTCTTACTG 3980
Db      1 AAGTTCAATATTTCTTACTG 22

RESULT 708
US-09-395-604A-3/C
; Sequence 3, Application US/09395604A
; Patent No. 6438337
; GENERAL INFORMATION:
; APPLICANT: Staub, Rick W.
; APPLICANT: Carrico, Michael M.
; TITLE OF INVENTION: METHODS OF DNA TYPING WITH TANDEM
; TITLE OF INVENTION: REPEATS
; FILE REFERENCE: 062481.0107
; CURRENT APPLICATION NUMBER: US/09/395,604A
; CURRENT FILING DATE: 1999-09-14
; PRIOR APPLICATION NUMBER: 08/637,115
; PRIOR FILING DATE: 1996-04-24
; NUMBER OF SEQ ID NOS: 37
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for D22S683
US-09-395-604A-3

Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4464 TTTTGTGTGTGTGTGTGTGTGT 4485
Db      23 TGTGTGTGTGTGTGTGTGTGT 2

RESULT 709
US-08-650-965-4/C
; Sequence 4, Application US/08650965
; Patent No. 6503707
; GENERAL INFORMATION:
; APPLICANT: BAXTER-LOWE, Lee-Ann
; TITLE OF INVENTION: METHOD FOR GENETIC TYPING
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 777 E. Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-5367
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,965
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,214
; FILING DATE:
; APPLICATION NUMBER: US 08/025,038
; FILING DATE: 01-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/057,957
; FILING DATE: 08-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/544,218
; FILING DATE: 27-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Philip G.
; REGISTRATION NUMBER: 30,478
; REFERENCE/DOCKET NUMBER: 54760/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 289-3761
; TELEFAX: (414) 289-3791
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: PCR 5
US-08-650-965-4

Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 1610 AGAAGCTTCACAGACGAGCTGCG 1631  
| | | | | | | | | | | | | | | | | |  
Db 22 AGAGCTTCACAGAGTGCAGCGCG 1

RESULT 710  
US-09-687-910-3/c  
; Sequence 3, Application US/09687910  
; Patent No. 6509157  
; GENERAL INFORMATION:  
; APPLICANT: Roche Molecular Systems  
; TITLE OF INVENTION: 3' BLOCKED NUCLEIC ACID AMPLIFICATION PRIMERS  
; FILE REFERENCE: 1072  
; CURRENT APPLICATION NUMBER: US/09/687,910  
; PRIORITY FILING DATE: 2000-10-13  
; PRIOR APPLICATION NUMBER: 60/163,890  
; PRIOR FILING DATE: 1999-11-05  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: synthetic construct  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: ( )..( )  
; OTHER INFORMATION: Description of synthetic construct: HIV-1 primer  
US-09-687-910-3

Query Match 0.2%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 1.4e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1969 CAACAGCCAGTGAATTCCTCG 1990  
| | | | | | | | | | | | | | | | | |  
Db 22 CAACAGGAGTGACATGCTGG 1

RESULT 711  
US-08-014-943A-11  
; Sequence 11, Application US/08014943A  
; Patent No. 5545551  
; GENERAL INFORMATION:  
; APPLICANT: Johnson, Edward M.  
; TITLE OF INVENTION: Cloning And Expression Of Pur Protein  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/014,943A  
; FILING DATE: 02/FEB/1992  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Cortuzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 6923-033  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212 790-9090  
; TELEFAX: 212 869-8864/9741  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)  
US-08-014-943A-11

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6452 TGTTTTGGATCTTTT 6473  
| | | | | | | | | | | | | | | | | |  
Db 3 TTTTGGAGGTTT 24

RESULT 712  
US-08-486-421-46  
; Sequence 46, Application US/08486421  
; Patent No. 5672479  
; GENERAL INFORMATION:  
; APPLICANT: Johnson, Edward M.  
; APPLICANT: Bergemann, Andrew D.  
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
; NUMBER OF SEQUENCES: 51  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/486,421  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/470,911  
; FILING DATE: 06-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Cortuzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 6923-053  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-9741/8864  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 46:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-486-421-46

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6452 TGTTTTGGATCTTTT 6473  
| | | | | | | | | | | | | | | | | |  
Db 3 TTTTGGAGGTTT 24

RESULT 713  
US-08-411-796-187/c

Sequence 187, Application US/08411796  
Patent No. 5677149  
GENERAL INFORMATION:  
APPLICANT: Abrams, Mark A.  
APPLICANT: Bauer, S. C.  
APPLICANT: Braford-Goldberg, Sarah R.  
APPLICANT: Caparon, Maire H.  
APPLICANT: Easton, Alan M.  
APPLICANT: Klein, Barbara K.  
APPLICANT: McKeown, John P.  
APPLICANT: Oline, Peter O.  
APPLICANT: Paik, Kumman  
APPLICANT: Polazzi, Joseph O.  
APPLICANT: Thomas, John W.  
TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides  
NUMBER OF SEQUENCES: 549  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
ADDRESSEE: Corporate Patent Dept.  
STREET: P. O. Box 5110  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60680  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/411,796  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/981044  
FILING DATE: 24-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/11198  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Bennett, Dennis A.  
REGISTRATION NUMBER: 34,547  
REFERENCE/DOCKET NUMBER: C2713/1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (708)470-6501  
TELEFAX: (708)470-6881  
INFORMATION FOR SEQ ID NO: 187:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)  
US-08-411-796-187

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 48 CGGCGCGCGCAACGAGGCTGC 69  
Db 24 CAGCAGCGCGCAGCGGTGGCTGC 3

RESULT 714  
US-08-470-911-46  
Sequence 46, Application US/08470911  
Patent No. 575684  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
APPLICANT: Bergemann, Andrew D.  
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
NUMBER OF SEQUENCES: 51

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/470,911  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-470-911-46

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6452 TGTGTTTGATCTTTT 6473  
Db 3 TTTTGTGAGGGTTT 24

RESULT 715  
US-08-662-335A-1  
Sequence 1, Application US/08662335A  
Patent No. 5792613  
GENERAL INFORMATION:  
APPLICANT: Schmidt, Francis J.  
TITLE OF INVENTION: METHOD FOR OBTAINING  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth, P.A.  
STREET: P.O. Box 2938  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/662,335A  
FILING DATE: 12-JUN-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: No. 5792613e  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Woessner, Warren D  
REGISTRATION NUMBER: 30,440

REFERENCE/DOCKET NUMBER: 423.001US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-339-0331  
TELEFAX: 612-339-3061  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: mRNA  
US-08-662-335A-1

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 68.2%; Pred. No. 1.5e+03;  
Matches 15; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 3806 CTCGAGCTGCTGATGACAG 3827  
DB 2 CACGGUCUCUGAUGCCCG 23

RESULT 716  
US-08-808-474A-8/C  
Sequence 8, Application US/08808474A  
Patent No. 5856103  
GENERAL INFORMATION:  
APPLICANT: Gray, Donald M.  
APPLICANT: Clark, Chris L.  
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES  
TITLE OF INVENTION: FOR ANTISENSE TARGETING  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Locke Purnell Rain Harrell  
STREET: 2200 Ross Avenue, Suite 2200  
CITY: Dallas  
STATE: Texas  
COUNTRY: USA  
ZIP: 75201-6776  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/808,474A  
FILING DATE: 03-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Mayfield, Denise L.  
REGISTRATION NUMBER: 33,732  
REFERENCE/DOCKET NUMBER: UTDL:001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (214) 740-8000  
TELEFAX: (214) 740-8800  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-808-474A-8

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTTGGCTGACTCTCTC 5348  
DB 23 TCTCTCTCTCTCTCTCTC 2

RESULT 717

US-08-808-474A-11/C  
Sequence 11, Application US/08808474A  
Patent No. 5856103  
GENERAL INFORMATION:  
APPLICANT: Gray, Donald M.  
APPLICANT: Clark, Chris L.  
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES  
TITLE OF INVENTION: FOR ANTISENSE TARGETING  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Locke Purnell Rain Harrell  
STREET: 2200 Ross Avenue, Suite 2200  
CITY: Dallas  
STATE: Texas  
COUNTRY: USA  
ZIP: 75201-6776  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/808,474A  
FILING DATE: 03-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Mayfield, Denise L.  
REGISTRATION NUMBER: 33,732  
REFERENCE/DOCKET NUMBER: UTDL:001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (214) 740-8000  
TELEFAX: (214) 740-8800  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-808-474A-11

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTTGGCTGACTCTCTC 5348  
DB 23 TCTCTCTCTCTCTCTCTC 2

RESULT 718  
US-08-486-809-46  
Sequence 46, Application US/08486809  
Patent No. 5863622  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
APPLICANT: Bergemann, Andrew D.  
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/486,809  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435



PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/470,911  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-486-809-46

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6452 TGTGTTGGATACCTTTT 6473  
DB 3 TTTTTCGAGCGTTT 24

RESULT 719  
US-08-859-998-893/c  
Sequence 893, Application US/08859998  
Patent No. 5994076  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Johndaze, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 893:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-893

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1640 CCAAGATCGCGGATGCTT 1661  
DB 23 CCAAGTTCTGCGATGCTGT 2

RESULT 720  
US-08-924-695A-22/c  
Sequence 22, Application US/08924695A  
Patent No. 5998583  
GENERAL INFORMATION:  
APPLICANT: KORSMEYER, STANLEY J.  
TITLE OF INVENTION: BH3 INTERACTING DOMAIN DEATH AGONIST  
NUMBER OF SEQUENCES: 88  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HOWELL & HAFERKAMP, L.C.  
STREET: 7733 FORSYTH BLVD., SUITE 1400  
CITY: ST. LOUIS  
STATE: MISSOURI  
COUNTRY: USA  
ZIP: 63105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/924,695A  
FILING DATE: 09-SEP-1997  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: HOLLAND, DONALD R.  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 971798  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (314) 727-5188  
TELEFAX: (314) 727-6092  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-924-695A-22

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 645 CCTGCTCAGCGCGCATCCCT 666  
DB 22 CCAAGCGCAGTGGCCAGTCCCT 1

RESULT 721  
US-08-471-039-187/c  
Sequence 187, Application US/08471039  
Patent No. 6017523  
GENERAL INFORMATION:  
APPLICANT: Abrams, Mark A.  
APPLICANT: Bauer, S. C.  
APPLICANT: Braford-Goldberg, Sarah R.  
APPLICANT: Caparon, Maire H.  
APPLICANT: Easton, Alan M.  
APPLICANT: Klein, Barbara K.

```

; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,039
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-471-039-187

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 48 CCGCGCGCGGCGGAGCGGCTGC 69
Db 24 CAGCAGCGGCGGCGGCTGC 3

RESULT 722
; US-08-624-290B-9/C
; Sequence 9, Application US/08624290B
; Patent No. 6017699
; GENERAL INFORMATION:
; APPLICANT: JORDAN, JEANNE A.
; TITLE OF INVENTION: PCR IDENTIFICATION AND
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PILLSBURY, MADISON & SUTRO, L.L.P.
; ADDRESSEE: 1100 NEW YORK AVE., N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/624,290B
; FILING DATE: 03-MARCH-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BIRD, DONALD J.
; REGISTRATION NUMBER: 25,323
; REFERENCE/DOCKET NUMBER: DJB/60295/213970/MKT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-861-3000
; TELEFAX: 202-822-0944
; TELEX: 6714627 CUSH
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-624-290B-9

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5793 TGGCTGCTGCTGCTGCTGCTG 5814
Db 22 TGTCTGTCTGTCTGTCTGTCTG 1

RESULT 723
; US-09-235-614-8/C
; Sequence 8, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
; FILE REFERENCE: 91556/66384
; CURRENT APPLICATION NUMBER: US/09/235,614
; CURRENT FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 8
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA
; US-09-235-614-8

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTGCTGCTGCTGCTGCTC 5348
Db 23 TCTCTCTCTCTCTCTCTCTCTC 2

RESULT 724
; US-09-235-614-9
; Sequence 9, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
```

APPLICANT: CLARK, CHRISTOPHER L.  
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING  
FILE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING  
FILE REFERENCE: 91556/66384  
CURRENT APPLICATION NUMBER: US/09/235,614  
CURRENT FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 08/808,474  
PRIOR FILING DATE: 1997-03-03  
PRIOR APPLICATION NUMBER: 08/320,507  
PRIOR FILING DATE: 1994-10-07  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: Patentln Ver. 2.1  
SEQ ID NO 9  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Hybrid DNA  
US-09-235-614-9

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5327 TCTCTCTGCTGCTCTCTC 5348  
Db 2 TCTCTCTCTCTCTCTCTCTC 23

RESULT 725  
US-09-463-702A-8/c  
Sequence 8, Application US/09463702A  
Patent No. 6335435  
GENERAL INFORMATION:  
APPLICANT: AGENE Research Institute, Co., Ltd.  
APPLICANT: HIRAKI AND ASSOCIATES  
APPLICANT: SHIMAMOTO, AKIRO  
APPLICANT: KITAO, SAORI  
APPLICANT: FURUICHI, YASUHIRO  
TITLE OF INVENTION: HUMAN GENE RECO4 ENCODING HELICASE  
FILE REFERENCE: HIRAI1150  
CURRENT APPLICATION NUMBER: US/09/463,702A  
CURRENT FILING DATE: 2000-01-24  
PRIOR APPLICATION NUMBER: PCT/JP98/03114  
PRIOR FILING DATE: 1998-07-10  
PRIOR APPLICATION NUMBER: JAPAN 9/200387  
PRIOR FILING DATE: 1997-07-25  
NUMBER OF SEQ ID NOS: 44  
SOFTWARE: Patentln version 3.0  
SEQ ID NO 8  
LENGTH: 24  
TYPE: DNA  
ORGANISM: ARTIFICIAL  
FEATURE:  
OTHER INFORMATION: PRIMERS FOR SEQUENCING  
US-09-463-702A-8

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3173 TTGGGTTTGACTTTTGATG 3194  
Db 23 TTGGGGTGATGCTTAGATG 2

RESULT 726  
US-09-225-928-893/c  
Sequence 893, Application US/09225928  
Patent No. 6352829  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Johndaze, George

Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: PaeSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 893:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 893:  
US-09-225-928-893

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1640 CCAAGATGCGGGGATGCTTAT 1661  
Db 23 CCAAGTTGCTGGATGCTCT 2

RESULT 727  
US-09-487-130-1  
Sequence 1, Application US/09487130  
Patent No. 6362322  
GENERAL INFORMATION:  
APPLICANT: GRAY, DONALD M.  
APPLICANT: HASHIM, GIHAN M.  
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEN-PAIRED  
FILE REFERENCE: 91556/66385CIP  
CURRENT APPLICATION NUMBER: US/09/487,130  
CURRENT FILING DATE: 2000-01-19  
PRIOR APPLICATION NUMBER: 09/357,424  
PRIOR FILING DATE: 1999-07-20  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: Patentln Ver. 2.1  
SEQ ID NO 1  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic

OTHER INFORMATION: nucleic acid  
US-09-487-130-1

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5327 TCTCTCTTGCCCTCACTCTCTC 5348  
Db 2 TCTCTCTCTCTCTCTCTCTC 23

RESULT 728

US-09-487-130-2/c  
Sequence 2, Application US/09487130

Patent No. 6362322  
GENERAL INFORMATION:  
APPLICANT: GRAY, DONALD M.  
APPLICANT: HASHEN, GIHAN M.  
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEN-PAIRED  
TITLE OF INVENTION: DUPLEX  
FILE REFERENCE: 91556/66385CIP  
CURRENT APPLICATION NUMBER: US/09/487,130  
CURRENT FILING DATE: 2000-01-19  
PRIOR APPLICATION NUMBER: 09/357,424  
PRIOR FILING DATE: 1999-07-20  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: Patentln Ver. 2.1  
SEQ ID NO 2  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-487-130-2

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5327 TCTCTCTTGCCCTCACTCTCTC 5348  
Db 23 TCTCTCTCTCTCTCTCTCTC 2

RESULT 729

US-09-487-130-3  
Sequence 3, Application US/09487130

Patent No. 6362322  
GENERAL INFORMATION:  
APPLICANT: GRAY, DONALD M.  
APPLICANT: HASHEN, GIHAN M.  
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEN-PAIRED  
TITLE OF INVENTION: DUPLEX  
FILE REFERENCE: 91556/66385CIP  
CURRENT APPLICATION NUMBER: US/09/487,130  
CURRENT FILING DATE: 2000-01-19  
PRIOR APPLICATION NUMBER: 09/357,424  
PRIOR FILING DATE: 1999-07-20  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: Patentln Ver. 2.1  
SEQ ID NO 3  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-487-130-3

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5327 TCTCTCTTGCCCTCACTCTCTC 5348  
Db 2 TCTCTCTCTCTCTCTCTCTC 23

RESULT 730

US-09-487-130-4  
Sequence 4, Application US/09487130

Patent No. 6362322  
GENERAL INFORMATION:  
APPLICANT: GRAY, DONALD M.  
APPLICANT: HASHEN, GIHAN M.  
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEN-PAIRED  
TITLE OF INVENTION: DUPLEX  
FILE REFERENCE: 91556/66385CIP  
CURRENT APPLICATION NUMBER: US/09/487,130  
CURRENT FILING DATE: 2000-01-19  
PRIOR APPLICATION NUMBER: 09/357,424  
PRIOR FILING DATE: 1999-07-20  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: Patentln Ver. 2.1  
SEQ ID NO 4  
LENGTH: 24  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-487-130-4

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 40.9%; Pred. No. 1.5e+03;  
Matches 9; Conservative 9; Mismatches 4; Indels 0; Gaps 0;

Qy 5327 TCTCTCTTGCCCTCACTCTCTC 5348  
Db 2 UCUCUCUCUCUCUCUCUCUCUC 23

RESULT 731

US-09-487-130-5/c  
Sequence 5, Application US/09487130

Patent No. 6362322  
GENERAL INFORMATION:  
APPLICANT: GRAY, DONALD M.  
APPLICANT: HASHEN, GIHAN M.  
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEN-PAIRED  
TITLE OF INVENTION: DUPLEX  
FILE REFERENCE: 91556/66385CIP  
CURRENT APPLICATION NUMBER: US/09/487,130  
CURRENT FILING DATE: 2000-01-19  
PRIOR APPLICATION NUMBER: 09/357,424  
PRIOR FILING DATE: 1999-07-20  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: Patentln Ver. 2.1  
SEQ ID NO 5  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-487-130-5

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5327 TCTCTCTTGCCCTCACTCTCTC 5348  
Db 23 TCTCTCTCTCTCTCTCTCTC 2

```
RESULT 732
US-09-487-130-6
; Sequence 6, Application US/09487130
; Patent No. 6362322
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED
; TITLE OF INVENTION: DUPLEX
; FILE REFERENCE: 91556/66385CIP
; CURRENT APPLICATION NUMBER: US/09/487,130
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: 09/357,424
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: nucleic acid
US-09-487-130-6

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 40.9%; Pred. No. 1.5e+03;
Matches 9; Conservative 9; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTTTGCTCCTCCTCTC 5348
      :||: : |||:|:|
Db 2 UCUCUCUCUCUCUCUCUCUC 23

RESULT 733
US-09-641-318-22/c
; Sequence 22, Application US/09641318
; Patent No. 6384205
; GENERAL INFORMATION:
; APPLICANT: BELAGAJE, RAMA M.
; TITLE OF INVENTION: EXCITATORY AMINO ACID RECEPTOR PROTEIN
; AND RELATED NUCLEIC ACID COMPOUNDS
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ELI LILLY AND COMPANY
; STREET: LILLY CORPORATE CENTER
; CITY: INDIANAPOLIS
; STATE: INDIANA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 18-AUG-2000
; APPLICATION NUMBER: US/09/641,318
; FILING DATE: 18-AUG-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/816,178A
; FILING DATE: 12-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GAYLO, PAUL J.
; REGISTRATION NUMBER: 36,808
; REFERENCE/DOCKET NUMBER: X-10579
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (317) 276-0756
; TELEFAX: (317) 276-3861
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
```

```
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-641-318-22

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2938 TGGGGAACAGCGCCAGCAAGAC 2959
      ||||| | ||||| |||||
Db 22 TGGGGATGAAGGCCAGCCAGAC 1

RESULT 734
US-08-985-492-24
; Sequence 24, Application US/08985492
; Patent No. 6395530
; GENERAL INFORMATION:
; APPLICANT: Jaye, Michael C.
; APPLICANT: Doan, Kim-Anh T.
; APPLICANT: Krawiec, John A.
; APPLICANT: Lynch, Kevin J.
; APPLICANT: Amin, Dilip V.
; APPLICANT: South, Victoria J.
; TITLE OF INVENTION: LIG POLYPEPTIDES OF THE TRIACYLGLYCEROL
; TITLE OF INVENTION: LIPASE FAMILY, AND COMPOSITIONS AND METHODS FOR THEIR USE
; TITLE OF INVENTION: IN ENZYMATIC HYDROLYSIS, AND PROTEIN AND GENE THERAPIES
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Rd. 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,492
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Fehlner Ph.D., Paul F.
; REGISTRATION NUMBER: 35,135
; REFERENCE/DOCKET NUMBER: A2582-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610)454-3839
; TELEFAX: (610)454-3808
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
US-08-985-492-24

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 981 CACCAAGGAGATCAAGGGCCTG 1002
      ||||| ||||| ||||| |||||
Db 3 CACCATGGAGAGCAAGGCCCTG 24
```

```
RESULT 735
US-09-699-135-8/c
; Sequence 8, Application US/09699135
; Patent No. 6472513
; GENERAL INFORMATION:
; APPLICANT: AGENE Research Institute, Co., Ltd.
; APPLICANT: HIRAKI AND ASSOCIATES
; APPLICANT: SHIMAMOTO, AKIRO
; APPLICANT: KITAO, SAORI
; APPLICANT: FURUICHI, YASUHIRO
; TITLE OF INVENTION: HUMAN GENE REQC4 ENCODING HELICASE
; FILE REFERENCE: HIRAI150
; CURRENT APPLICATION NUMBER: US/09/699,135
; CURRENT FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US/09/463,702A
; PRIOR FILING DATE: 2000-01-24
; PRIOR APPLICATION NUMBER: PCT/JP98/03114
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: JAPAN 9/200387
; PRIOR FILING DATE: 1997-07-25
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PRIMERS FOR SEQUENCING
US-09-699-135-8

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3173 TTTGGCTTGATCTTAGTG 3194
      ||||| ||| |||||
DB 23 TTTGGGGTGATGCTTAGATG 2

RESULT 736
US-08-559-390-187/c
; Sequence 187, Application US/08559390
; Patent No. 6479261
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mairé H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKeearn, John P.
; APPLICANT: Olins, Peter O.
; APPLICANT: Paik, Kuman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/559,390
```

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; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,796
; FILING DATE:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-559-390-187

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 48 CGCGCGCGCAACGAGGCTGC 69
      ||| ||||| ||||| |||||
DB 24 CAGCAGCGCGCAGCGTGGCTGC 3

RESULT 737
US-09-225-201B-893/c
; Sequence 893, Application US/09225201B
; Patent No. 6489455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;              Jokhadze, George
;              Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;              EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201B
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 893:
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```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 893:
US-09-225-201B-893

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1640 CCAAGGATCGGGGATCGCTAT 1661
Db 23 CCAAGGTTCTGGGATGCTGT 2

RESULT 738
PCT-US93-11198-187/c
; Sequence 187, Application PC/TUS9311198
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mair H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olines, Peter O.
; APPLICANT: Paik, Kumhan
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; PCT-US93-11198-187

```

```

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 48 CGCGGGCGGCAACGGAGGCTGC 69
Db 24 CAGCAGCGCGCAGCGGTGGCTGC 3

RESULT 739
US-09-725-265-5/c
; Sequence 5, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-5

Query Match      0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 2.1e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAACAAAATGTTATTTTAT 4051
Db 30 AAAAAAAAAAAAAAAATATATATATAT 1

RESULT 740
US-09-725-265-6/c
; Sequence 6, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70

```

; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 6  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-6

Query Match 0.2%; Score 15.6; DB 1; Length 30;  
Best Local Similarity 70.0%; Pred. No. 2.1e+03;  
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAAAAACAAATGTTATTT 4047  
| | | | | | | | | | | | | | | | | | | | | |  
Db 30 AAAAAAAAAACAAAAAATATATATAT 1

## RESULT 741

US-09-725-265-7/c  
; Sequence 7, Application US/09725265  
; Patent No. 6492121

; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO

; APPLICANT: KAWAGATA, YOICHI

; APPLICANT: YAMADA, KAZUTAKA

; APPLICANT: YOKOMAKU, TOYOKAZU

; APPLICANT: KOYAMA, OSAMU

; APPLICANT: FURUSHO, KENTA

; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL

; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT

; FILE REFERENCE: 199953USOXDIV

; CURRENT APPLICATION NUMBER: US/09/725,265

; CURRENT FILING DATE: 2000-11-29

; PRIOR FILING DATE: 2000-04-20

; PRIOR FILING DATE: 1999-04-20

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 7

; LENGTH: 30

; TYPE: DNA

; ORGANISM: ARTIFICIAL SEQUENCE

; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-7

Query Match 0.2%; Score 15.6; DB 1; Length 30;  
Best Local Similarity 70.0%; Pred. No. 2.1e+03;  
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAAAAACAAATGTTATTT 4047  
| | | | | | | | | | | | | | | | | | | | | |  
Db 30 AAAAAAAAAACAAAAAATATATATAT 1

## RESULT 742

US-08-242-664-23/c  
; Sequence 23, Application US/08242664  
; Patent No. 5571937

; GENERAL INFORMATION:  
; APPLICANT: Watanabe, Kyoichi A.

; APPLICANT: Ren, Wu-Yun

; APPLICANT: Wei, Roger

; TITLE OF INVENTION: Complementary DNA and Toxins

; NUMBER OF SEQUENCES: 43

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham

; STREET: 30 Rockefeller Plaza  
; CITY: New York

; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10112  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch 1.44Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.24  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/242,664  
; FILING DATE: May 12, 1994  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 44683  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-977-9550  
; TELEFAX: 212-664-0525

; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-242-664-23

Query Match 0.2%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTCCTTCCTTTTCC 5714  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 TTTTCCTTCCTTTTCC 1

## RESULT 743

US-08-484-138-23/c  
; Sequence 23, Application US/08484138  
; Patent No. 5652350

; GENERAL INFORMATION:  
; APPLICANT: Watanabe, Kyoichi A.

; APPLICANT: Ren, Wu-Yun

; APPLICANT: Wei, Roger

; TITLE OF INVENTION: Complementary DNA and Toxins

; NUMBER OF SEQUENCES: 43

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham LLP

; STREET: 1185 Avenue of the Americas  
; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.  
; ZIP: 10036

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch 1.44Mb  
; COMPUTER: IBM PC

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.24

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/484,138  
; FILING DATE: June 7, 1995

; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.

; REGISTRATION NUMBER: 28,678

; REFERENCE/DOCKET NUMBER: 44683-Z/JPW/WJG

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-977-9550  
; TELEFAX: 212-664-0525

; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs



TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-484-138-23

Query Match 0.2%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCCTTCCTTTTC 5714  
DB 17 TTTTCCTTCCTTTTC 1

## RESULT 744

US-08-292-620A-1931/C  
Sequence 1931, Application US/08292620A  
Patent No. 5837542

GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994

CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:

two

APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1931:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1931

Query Match 0.2%; Score 15.4; DB 1; Length 17;

Best Local Similarity 94.1%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 5018 GGCTCTGGGAGGAGCA 5034  
DB 17 GGCTGTGGGAGGAGCA 1

## RESULT 745

US-09-071-845-1931/C  
Sequence 1931, Application US/09071845  
Patent No. 6132967

GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1931:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-1931

Query Match 0.2%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 8.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5018 GGCTCTGGGAGGAGCA 5034  
DB 17 GGCTGTGGGAGGAGCA 1

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RESULT 746
US-08-584-040-2884/c
; Sequence 2884, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2884:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2884

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3324 GATGTTTAAATGGGTTTC 3340
Db      17 GATGTTTAAACGGGTTTC 1
|||||

RESULT 747
US-09-371-772B-1408/c
; Sequence 1408, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1995-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1408

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 8.4e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      3966 AATATTTCTTAACCTGGG 3982
Db      1 AAUAUUUCUAAAUUGGG 17
|||:|||||:|||||

RESULT 749
PCT-US95-06379-23/c
; Sequence 23, Application PC/TUS9506379
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
```

```
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1408
```

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Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3324 GATGTTTAAATGGGTTTC 3340
Db      17 GATGTTTAAACGGGTTTC 1
|||||
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RESULT 748
US-09-371-772B-5562
; Sequence 5562, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5562
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5562
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Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 8.4e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      3966 AATATTTCTTAACCTGGG 3982
Db      1 AAUAUUUCUAAAUUGGG 17
|||:|||||:|||||
```

```
RESULT 749
PCT-US95-06379-23/c
; Sequence 23, Application PC/TUS9506379
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
```

; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch 1.44Mb  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.24  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/06379  
; FILING DATE: May 13, 1994  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 44683-PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-278-0400  
; TELEFAX: 212-391-0526  
; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; PCT-US95-06379-23

Query Match 0.2%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 9.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCCTTCCTTTTC 5714  
Db 17 TTTTCCTTCCTTTTC 1

## RESULT 750

US-09-140-804-18  
; Sequence 18, Application US/09140804  
; Patent No. 6197930  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Humes, Jacqueline M.  
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS  
; FILE REFERENCE: 97-49  
; CURRENT APPLICATION NUMBER: US/09/140,804  
; CURRENT FILING DATE: 1998-08-26  
; EARLIER APPLICATION NUMBER: 60/056,983  
; EARLIER FILING DATE: 1997-08-26  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide ZC15002  
US-09-140-804-18

Query Match 0.2%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 9.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2875 AGGAGGTGGGTAGG 2891  
Db 1 AGGAGGTGGGTAGG 17

## RESULT 751

US-09-686-838B-18  
; Sequence 18, Application US/09686838B

; Patent No. 6482612  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Humes, Jacqueline M.  
; TITLE OF INVENTION: Adipocyte-Specific Protein Homologs  
; FILE REFERENCE: 97-49D1  
; CURRENT APPLICATION NUMBER: US/09/686,838B  
; CURRENT FILING DATE: 2000-10-10  
; PRIOR APPLICATION NUMBER: US 09/140,804  
; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: US 60/056,983  
; PRIOR FILING DATE: 1997-08-26  
; NUMBER OF SEQ ID NOS: 50  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide ZC15002  
US-09-686-838B-18

Query Match 0.2%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 9.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2875 AGGAGGTGGGTAGG 2891  
Db 1 AGGAGGTGGGTAGG 17

## RESULT 752

US-09-435-019-48/c  
; Sequence 48, Application US/09435019  
; Patent No. 6489140  
; GENERAL INFORMATION:  
; APPLICANT: Wisniewski, Nancy  
; APPLICANT: Becher, Anna M.  
; APPLICANT: Jarvis, Eric  
; TITLE OF INVENTION: NOVEL FLEA ECDYSONE AND ULTRASPIRACLE NUCLEIC ACID  
; FILE REFERENCE: FC-4  
; CURRENT APPLICATION NUMBER: US/09/435,019  
; CURRENT FILING DATE: 1999-11-05  
; EARLIER APPLICATION NUMBER: 60/107,559  
; EARLIER FILING DATE: 1998-11-06  
; NUMBER OF SEQ ID NOS: 71  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 48  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Primer  
US-09-435-019-48

Query Match 0.2%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 9.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5045 GAGCCTACATTCCTTAC 5061  
Db 17 GAGCCTACATTCCTGAC 1

## RESULT 753

PCT-US91-03680-73  
; Sequence 73, Application PC/TUS9103680  
; GENERAL INFORMATION:  
; APPLICANT: Matteucci, Mark D.  
; APPLICANT: Krawczyk, Steven  
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED



REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: T5R0042P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-07-985-691-9

Query Match 0.2%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAACAAA 4038  
|||||  
DB 3 AAAAGAGAGAGACAAA 19

RESULT 756  
US-08-631-200-39/c  
Sequence 39, Application US/08631200  
Patent No. 5646040  
GENERAL INFORMATION:  
APPLICANT: Klynn, Patrick W.  
APPLICANT: Moore, Karen J.  
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND  
TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY  
NUMBER OF SEQUENCES: 59  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/631,200  
FILING DATE: 12-APR-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7853-057  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-631-200-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CTGCCTGCCTGCTGT 5811

Db 19 CTGCCTGCCTGCTGT 3  
|||||

RESULT 757  
US-08-829-553-39/c  
Sequence 39, Application US/08829553  
Patent No. 5817762  
GENERAL INFORMATION:  
APPLICANT: Klynn, Patrick W.  
APPLICANT: Moore, Karen J.  
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND  
TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY  
NUMBER OF SEQUENCES: 59  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/829,553  
FILING DATE: 28-MAR-1997  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/631,200  
FILING DATE: 12-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7853-057  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-829-553-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CTGCCTGCCTGCTGT 5811  
|||||  
Db 19 CTGCCTGCCTGCTGT 3

RESULT 758  
US-08-922-267A-39/c  
Sequence 39, Application US/08922267A  
Patent No. 5861239  
GENERAL INFORMATION:  
APPLICANT: Klynn, Patrick W.  
APPLICANT: Moore, Karen J.  
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND  
TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY  
NUMBER OF SEQUENCES: 82  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York

STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: 2-SEP-1997  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/829,553  
FILING DATE: 28-MAR-1997  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/631,200  
FILING DATE: 12-APR-1996  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7853-085  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-922-267A-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CTGCGCTGCTGCTGT 5811  
Db 19 CTTGCTGCTGCTGT 3

RESULT 759  
US-08-936-707A-39/c  
Sequence 39, Application US/08936707A  
Patent No. 5871931  
GENERAL INFORMATION:  
APPLICANT: Klevn, Patrick W.  
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND  
REFERENCE/DOCKET NUMBER: 7853-099  
NUMBER OF SEQUENCES: 60  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: 24-SEP-1997  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7853-100  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-936-707A-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CTGCGCTGCTGCTGT 5811  
Db 19 CTTGCTGCTGCTGT 3

RESULT 760  
US-08-936-706A-39/c  
Sequence 39, Application US/08936706A  
Patent No. 5876919  
GENERAL INFORMATION:  
APPLICANT: Klevn, Patrick W.  
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND  
REFERENCE/DOCKET NUMBER: 7853-099  
NUMBER OF SEQUENCES: 60  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: 24-SEP-1997  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7853-099  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-936-706A-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CTGCGCTGCTGCTGT 5811

Db 19 CTTGCGCTGCTGCTGT 3

## RESULT 761

US-09-248-203-39/c  
; Sequence 39, Application US/09248203

; Patent No. 6043346

; GENERAL INFORMATION:

; APPLICANT: Klevn, Patrick W.

; APPLICANT: Moore, Karen J.

; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND

; NUMBER OF SEQUENCES: 60

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds LLP

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10036-2711

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/248,203

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/936,707

; FILING DATE: 24-SEP-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Coruzzi, Laura A.

; REGISTRATION NUMBER: 30,742

; REFERENCE/DOCKET NUMBER: 7853-100

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-9741/8864

; TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 39:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-09-248-203-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;

Best Local Similarity 94.1%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5795 CTTGCGCTGCTGCTGT 5811

Db 19 CTTGCGCTGCTGCTGT 3

## RESULT 762

US-09-009-913-216

; Sequence 216, Application US/09009913

; Patent No. 6087485

; GENERAL INFORMATION:

; APPLICANT: Axy's Pharmaceuticals, Inc.

; TITLE OF INVENTION: Asthma Related Genes

; NUMBER OF SEQUENCES: 339

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Bozicevic & Reed, LLP

; STREET: 285 Hamilton Ave, Suite 200

; CITY: Palo Alto

; STATE: CA

; COUNTRY: USA

ZIP: 94301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq For Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/009,913

FILING DATE: 21-JAN-1998

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Sherwood, Pamela J

REGISTRATION NUMBER: 36,677

REFERENCE/DOCKET NUMBER: SEQ-4P

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-327-3231

TELEFAX: 650-327-3231

TELEX:

INFORMATION FOR SEQ ID NO: 216:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-009-913-216

Query Match

Best Local Similarity 94.1%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4068 ATTGCCAAATTTGGAA 4084

Db 1 ATTGCCAAATTTGGAA 17

## RESULT 763

US-09-406-071-39/c

; Sequence 39, Application US/09406071

; Patent No. 6207386

; GENERAL INFORMATION:

; APPLICANT: Klevn, Patrick W.

; APPLICANT: Moore, Karen J.

; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND

; NUMBER OF SEQUENCES: 60

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds LLP

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/406,071

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/936,707

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7853-100

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

```

; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-406-071-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 5795 CTTGCTGCTGCTGCTGT 5811
      |||||
Db 19 CTTGCTGCTGCTGCTGT 3

RESULT 764
US-09-814-986-39/c
; Sequence 39, Application US/09814986
; Patent No. 6605437
; GENERAL INFORMATION:
; APPLICANT: Kleyn, Patrick W.
; ADDRESSEE: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,986
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-09-814-986-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 5795 CTTGCTGCTGCTGCTGT 5811
      |||||

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Db 19 CTTGCTGCTGCTGCTGT 3

RESULT 765
US-09-530-095B-26
; Sequence 26, Application US/09530095B
; Patent No. 6610515
; GENERAL INFORMATION:
; APPLICANT: YAMAMOTO, AKIRA
; APPLICANT: TUCHIYA, KOTARO
; APPLICANT: IWATA, AKIRA
; APPLICANT: UEDA, SUSUMU
; TITLE OF INVENTION: FELINE GRANULOCYTE COLONY STIMULATING FACTOR
; FILE REFERENCE: JG-HK-4962
; CURRENT APPLICATION NUMBER: US/09/530,095B
; CURRENT FILING DATE: 2000-04-24
; PRIOR APPLICATION NUMBER: JAPAN HE19-291055
; PRIOR FILING DATE: 1997-10-23
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HYPOTHETICAL SEQUENCE
US-09-530-095B-26

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1;

QY 634 CTGCATGAGGCCCTGCT 650
      |||||
Db 2 CTGCAGGAGGCCCTGCT 18

RESULT 766
US-08-715-461-5
; Sequence 5, Application US/08715461
; Patent No. 5985556
; GENERAL INFORMATION:
; APPLICANT: KAMBARA, Hideki
; APPLICANT: OKANO, Kazuhiro
; TITLE OF INVENTION: DNA SEQUENCING METHOD AND DNA SAMPLE
; TITLE OF INVENTION: PREPARATION METHOD
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ANTONELLI, TERRY STOUT & KRAUS
; STREET: 1300 No. 5985556th Seventeenth Street, Suite 1800
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22209
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/715,461
; FILING DATE: 18-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: TERRY, David T.
; REGISTRATION NUMBER: 20,178
; REFERENCE/DOCKET NUMBER: 500.34872X00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-312-6600
; TELEFAX: 703-312-6666
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

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TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-715-461-5

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4468 TTTTTCCTTTTTCCTTCG 4484  
Db 1 TTTTTCCTTTTTCCTTCG 17

## RESULT 767

US-09-517-584A-13  
Sequence 13, Application US/09517584A  
Patent No. 6187587

## GENERAL INFORMATION:

APPLICANT: Ian Popoff

APPLICANT: Vickie L. Brown-Driver

APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION

FILE REFERENCE: RTS-0121

CURRENT APPLICATION NUMBER: US/09/517,584A

CURRENT FILING DATE: 2000-03-22

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 13

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-517-584A-13

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 68 GCGGCGGCGCGCGCGCG 84  
Db 4 GCGGCGGCGCGCGCGCG 20

## RESULT 768

US-09-021-701-728  
Sequence 728, Application US/09021701  
Patent No. 6251588

## GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

APPLICANT: Wolber, Paul K.

APPLICANT: Delenstarr, Glenda C.

APPLICANT: Webb, Peter G.

APPLICANT: Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide

TITLE OF INVENTION: probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS:

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20

STREET: 3000 Hanover Street

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/021,701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 728:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-728

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5698 TTTTTCCTTCCTTCCTTC 5714  
Db 4 TTTTTCCTTCCTTCCTTC 20

## RESULT 769

US-09-021-701-729.

Sequence 729, Application US/09021701

Patent No. 6251588

## GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

APPLICANT: Wolber, Paul K.

APPLICANT: Delenstarr, Glenda C.

APPLICANT: Webb, Peter G.

APPLICANT: Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide

TITLE OF INVENTION: probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS:

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20

STREET: 3000 Hanover Street

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/021,701

FILING DATE: 10-FEB-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 729:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA

; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-09-021-701-729

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCCCTTCCTTTCC 5714  
|||||  
Db 3 TTTTCCCTTCCTTTCC 19

RESULT 770

US-09-021-701-730  
; Sequence 730, Application US/09021701  
; Patent No. 6251588  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; TITLE OF INVENTION: probe sequences  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 730:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-09-021-701-730

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCCCTTCCTTTCC 5714  
|||||  
Db 2 TTTTCCCTTCCTTTCC 18

RESULT 771

US-09-021-701-731  
; Sequence 731, Application US/09021701  
; Patent No. 6251588

; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; TITLE OF INVENTION: probe sequences  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 731:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-09-021-701-731

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCCCTTCCTTTCC 5714  
|||||  
Db 1 TTTTCCCTTCCTTTCC 17

RESULT 772

US-09-844-634-46/c  
; Sequence 46, Application US/09844634  
; Patent No. 6410324  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION  
; FILE REFERENCE: RTS-0216  
; CURRENT APPLICATION NUMBER: US/09/844,634  
; CURRENT FILING DATE: 2001-04-27  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 46  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-844-634-46

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCCCTTCCTTTCC 5714  
|||||  
Db 1 TTTTCCCTTCCTTTCC 17

RESULT 773

US-09-844-634-46/c  
; Sequence 46, Application US/09844634  
; Patent No. 6410324  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION  
; FILE REFERENCE: RTS-0216  
; CURRENT APPLICATION NUMBER: US/09/844,634  
; CURRENT FILING DATE: 2001-04-27  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 46  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-844-634-46

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCCCTTCCTTTCC 5714  
|||||  
Db 1 TTTTCCCTTCCTTTCC 17

RESULT 774

US-09-844-634-46/c  
; Sequence 46, Application US/09844634  
; Patent No. 6410324  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION  
; FILE REFERENCE: RTS-0216  
; CURRENT APPLICATION NUMBER: US/09/844,634  
; CURRENT FILING DATE: 2001-04-27  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 46  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-844-634-46

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCCCTTCCTTTCC 5714  
|||||  
Db 1 TTTTCCCTTCCTTTCC 17

```
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5032 GCAGCTCACTGGAGGC 5048
Db 19 GCAGCTCCCTGGAGAGC 3

RESULT 773
US-09-792-594-20
; Sequence 20, Application US/09792594
; Patent No. 6436706
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION
; FILE REFERENCE: RTS-0209
; CURRENT APPLICATION NUMBER: US/09/792,594
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-20

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 287 GCCGGCCTGGCATTGGC 303
Db 4 GCCGGCCTGGCATTGGC 20

RESULT 774
US-09-907-843-23/c
; Sequence 23, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Frier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-23

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7412 TCAGCAGCAGCAGCAGC 7428
Db 18 TCAGCAGCAGCAGCAGC 2

RESULT 775
US-09-470-443-17
; Sequence 17, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
```

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; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-17

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5098 TGGCCTGTCCATTGCCT 5114
Db 3 TACCCTGTCCATTGCCT 19

RESULT 776
US-09-300-008B-39/c
; Sequence 39, Application US/09300008B
; Patent No. 6458534
; GENERAL INFORMATION:
; APPLICANT: Concannon et al.
; TITLE OF INVENTION: A GENE ASSOCIATED WITH NIJMEGEN BREAKAGE
; FILE REFERENCE: SYNDROME, ITS GENE PRODUCT AND METHODS FOR THEIR USE
; FILE REFERENCE: 9924-0003-228
; CURRENT APPLICATION NUMBER: US/09/300,008B
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: US 60/083,269
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-300-008B-39

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4393 CTATTGCTTCTGTTTAC 4409
Db 17 CTGTTGCTTCTGTTTAC 1

RESULT 777
US-09-844-525A-79/c
; Sequence 79, Application US/09844525A
; Patent No. 6468796
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRES
```

```
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-525A-79

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3646 GATGGGAAGAATAACC 3662
    ||||| ||||| |||||
Db 18 GATGGGAAGAATAACC 2

RESULT 778
US-09-422-978-6348/c
; Sequence 6348, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6348
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-10887 for SEQ 2414,
US-09-422-978-6348

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1679 TCTGCAAAATATCCACAG 1695
    ||||| ||||| |||||
Db 18 TCTGCAAAATATCCACAG 2

RESULT 779
US-09-601-144-22/c
; Sequence 22, Application US/09601144
; Patent No. 6566514
; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; APPLICANT: Young, Aiping H.
; APPLICANT: Lee, Yoon S.
; TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES COMPLEMENTARY TO THIOREDOXIN
; TITLE OF INVENTION: AND THIOREDOXIN REDUCTASE GENES AND METHODS OF USING
; TITLE OF INVENTION: SAME TO MODULATE CELL GROWTH
; FILE REFERENCE: 683-112US-A
; CURRENT APPLICATION NUMBER: US/09/601,144
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: US 60/073,196
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 74

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-601-144-22

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3730 CATTGAGCTTTTAAAA 3746
    ||||| ||||| |||||
Db 18 CATTGAGCTTTTAAAA 2

RESULT 780
US-09-903-413-8
; Sequence 8, Application US/09903413
; Patent No. 6596492
; GENERAL INFORMATION:
; APPLICANT: Avery, Anne C.
; APPLICANT: Burnett, Robert
; TITLE OF INVENTION: PCR MATERIALS AND METHODS USEFUL TO DETECT CANINE AND
; TITLE OF INVENTION: FELINE LYMPHOID MALIGNANCIES
; FILE REFERENCE: DI-14
; CURRENT APPLICATION NUMBER: US/09/903,413
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,611
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-903-413-8

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7068 TTGTGAATGCACCTGAG 7084
    ||||| ||||| |||||
Db 3 TTGTGAATGCACCTGAG 19

RESULT 781
US-09-665-615B-177/c
; Sequence 177, Application US/09665615B
; Patent No. 6653133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 177
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-665-615B-177
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Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6821 TTTCTGTTTTCGTTT 6837  
Db 17 TTTCTGTTTTCGTTT 1

## RESULT 782

US-08-413-813-43/c  
Sequence 43, Application US/08413813  
Patent No. 5683874  
GENERAL INFORMATION:  
APPLICANT: Kool, Eric T.  
TITLE OF INVENTION: SINGLE-STRANDED, CIRCULAR OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Scully, Scott, Murphy & Presser  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/413.813  
FILING DATE:  
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:  
NAME: Digiglio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 8085ZYX  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-413-813-43

Query Match 0.2%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5698 TTTTCCCTTCTTTTC 5714  
Db 19 TTTTCCCTTCTTTTC 3

## RESULT 783

US-08-467-346-43/c  
Sequence 43, Application US/08467346  
Patent No. 5872105  
GENERAL INFORMATION:  
APPLICANT: Kool, Eric T.  
TITLE OF INVENTION: SINGLE-STRANDED, CIRCULAR OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Scully, Scott, Murphy & Presser  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: USA

US-08-467-346-43

ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/467.346  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 536

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/413.813  
FILING DATE: 30-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Digiglio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 8085ZYX  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-467-346-43

Query Match 0.2%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5698 TTTTCCCTTCTTTTC 5714  
Db 19 TTTTCCCTTCTTTTC 3

## RESULT 784

US-08-628-540-9  
Sequence 9, Application US/08628540  
Patent No. 6022951  
GENERAL INFORMATION:  
APPLICANT: SANO, Takeshi  
APPLICANT: CANTOR, Charles R.  
APPLICANT: VAJDA, Sandor  
APPLICANT: REZNIK, Gabriel O.  
APPLICANT: SMITH, Cassandra L.  
APPLICANT: PANDORI, Mark W.

TITLE OF INVENTION: STREPTAVIDIN MUTANTS  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BAKER & BOTTS, L.L.P.  
STREET: 1299 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20004-2400

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/628.540

FILING DATE: 10-APR-1996

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/420,010

FILING DATE: 11-APR-1995

APPLICATION NUMBER: 60/003,687

FILING DATE: 18-SEP-1995

ATTORNEY/AGENT INFORMATION:

```
; NAME: Remenick, James
; REGISTRATION NUMBER: 36,902
; REFERENCE/DOCKET NUMBER: 016865-0244
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-639-7700
; TELEFAX: 202-639-7890
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-628-540-9

Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7412 TCAGCAGCAGCAGCAGC 7428
Db 5 TTAGCAGCAGCAGCAGC 21

RESULT 785
US-08-941-100-4
; Sequence 4, Application US/08941100B
; Patent No. 6207390
; GENERAL INFORMATION:
; APPLICANT: Cantor, Charles R.
; APPLICANT: Sano, Takeshi
; TITLE OF INVENTION: Reduced Affinity Streptavidin
; FILE REFERENCE: BU-03165
; CURRENT APPLICATION NUMBER: US/08/941.100B
; CURRENT FILING DATE: 1997-10-03
; PRIOR APPLICATION NUMBER: 08/469,353
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/420,010
; PRIOR FILING DATE: 1995-04-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Streptomyces avidinii
US-08-941-100-4

Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7412 TCAGCAGCAGCAGCAGC 7428
Db 5 TTAGCAGCAGCAGCAGC 21

RESULT 786
US-09-422-978-9992/c
; Sequence 9992, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
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; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9992
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-8662 for SEQ 2127, in complement
US-09-422-978-9992

Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7005 GGAGATTTTCTTCTTTA 7021
Db 21 GGAGATTTGCTTCTTTA 5

RESULT 787
US-09-422-978-11139/c
; Sequence 11139, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11139
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-2926 for SEQ 3274, in complement
US-09-422-978-11139

Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6183 GAGTGATGAGAGAGAA 6199
Db 21 GAGTGATGAGAGAGAA 5

RESULT 788
US-09-536-393-23/c
; Sequence 23, Application US/09536393
; Patent No. 6562570
; GENERAL INFORMATION:
; APPLICANT: Rossi, John J.
; APPLICANT: Scherr, Michaela
; APPLICANT: Riggs, Arthur D.
; TITLE OF INVENTION: Method for Identifying Accessible Binding Sites on RNA
```

; FILE REFERENCE: 1954-285  
; CURRENT APPLICATION NUMBER: US/09/536,393  
; CURRENT FILING DATE: 2000-03-28  
; EARLIER APPLICATION NUMBER: 60/127,529  
; EARLIER FILING DATE: 1999-04-02  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 23  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: murine  
US-09-536-393-23

Query Match 0.2%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6464 CTTTCTTTTCTGTTG 6480  
||||| |||||||  
Db 18 CTTTCTTTTCTGTTG 2

RESULT 789  
US-09-536-393-29/c  
; Sequence 29, Application US/09536393  
; Patent No. 6562570  
; GENERAL INFORMATION:  
; APPLICANT: Rossi, John J.  
; APPLICANT: Scherr, Michaela  
; APPLICANT: Riggs, Arthur D.  
; TITLE OF INVENTION: Method for Identifying Accessible Binding Sites on RNA  
; FILE REFERENCE: 1954-285  
; CURRENT APPLICATION NUMBER: US/09/536,393  
; CURRENT FILING DATE: 2000-03-28  
; EARLIER APPLICATION NUMBER: 60/127,529  
; EARLIER FILING DATE: 1999-04-02  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 29  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: murine  
US-09-536-393-29

Query Match 0.2%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6464 CTTTCTTTTCTGTTG 6480  
||||| |||||||  
Db 18 CTTTCTTTTCTGTTG 2

RESULT 790  
US-08-457-273B-18  
; Sequence 18, Application US/08457273B  
; Patent No. 5849995  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael  
; APPLICANT: Lin, Biaoyang  
; APPLICANT: Nasir, Jamal  
; TITLE OF INVENTION: Mouse Model for Huntington's Disease and  
; TITLE OF INVENTION: Related DNA Sequences  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Virginia Bennett  
; STREET: PO Box 37428  
; CITY: Raleigh  
; STATE: No. 5849995th Carolina  
; COUNTRY: US  
; ZIP: 27627  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/457,273B  
; FILING DATE:  
; CLASSIFICATION: 800  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bennett, Virginia C.  
; REGISTRATION NUMBER: 37,092  
; REFERENCE/DOCKET NUMBER: 3477-85A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 919-854-1400  
; TELEFAX: 919-854-1401  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-457-273B-18

Query Match 0.2%; Score 15.4; DB 1; Length 22;  
Best Local Similarity 94.1%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4016 TGAGAAAAGAGAGAA 4032  
||||| |||||||  
Db 1 TGAGAAAAGAGAGAA 17

RESULT 791  
US-08-761-704-5  
; Sequence 5, Application US/08761704  
; Patent No. 5866404  
; GENERAL INFORMATION:  
; APPLICANT: BRADSHAW, M.; BOLLEKENS,  
; APPLICANT: JACQUES; RUDDLE, FRANK  
; TITLE OF INVENTION: A NEW YEAST-BACTERIA  
; TITLE OF INVENTION: SHUTTLE VECTOR  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
; STREET: 345 PARK AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/761,704  
; FILING DATE: 6-DEC-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/008,250  
; FILING DATE: 6-DEC-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: DOROTHY R. AUTH  
; REGISTRATION NUMBER: 36,434  
; REFERENCE/DOCKET NUMBER: 2458-4018  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 758-4800  
; TELEFAX: (212) 751-6849  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22  
; TYPE: nucleic acid  
; STRANDEDNESS: single

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; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-761-704-5

Query Match      0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3113 CTCATGCTTGACAGCTT 3129
Db 2 CTCATGCTTGACAGCTT 18

RESULT 792
US-08-722-240-2/c
; Sequence 2, Application US/08722240
; Patent No. 6083905
; GENERAL INFORMATION:
; APPLICANT: Voorberg, Johannes Jacobus,
; APPLICANT: van Mourik, Jan Aart
; APPLICANT: Mertens, Koenraad
; TITLE OF INVENTION: Method and means for detecting and treating
; TITLE OF INVENTION: Disorders in the blood coagulation cascade
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Michaelson & Wallace
; STREET: 328 Newman Springs Road, P.O. Box 8489
; CITY: Red Bank
; STATE: New Jersey
; ZIP: 07701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk 3 1/2", 1.44 Mbyte
; COMPUTER: HP Vectra XU
; OPERATING SYSTEM: Windows NT 4 Workstation
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/722,240
; FILING DATE: January 27, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Michaelson, Peter L.
; REGISTRATION NUMBER: 30090
; REFERENCE/DOCKET NUMBER: Stichting-10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (732)530-6671
; TELEFAX: (732)530-6584
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
US-08-722-240-2

Query Match      0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1794 TGCTGAGGTGAACGCTG 1810
Db 20 TGATGAGGTGAACGCTG 4

RESULT 793
US-09-095-372-5
; Sequence 5, Application US/09095372
; Patent No. 6221588
; GENERAL INFORMATION:
; APPLICANT: BRADSHAW, M.; BOLLEKENS,
; APPLICANT: JACQUES, RUDOLFE, FRANK
; TITLE OF INVENTION: A NEW YEAST-BACTERIA
; TITLE OF INVENTION: SHUTTLE VECTOR

; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/095,372
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/761,704
; FILING DATE: 6-DEC-1996
; APPLICATION NUMBER: 60/008,250
; FILING DATE: 6-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36,434
; REFERENCE/DOCKET NUMBER: 2458-4018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-095-372-5

Query Match      0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3113 CTCATGCTTGACAGCTT 3129
Db 2 CTCATGCTTGACAGCTT 18

RESULT 794
US-08-182-172-16
; Sequence 16, Application US/08182172
; Patent No. 5714318
; GENERAL INFORMATION:
; APPLICANT: Sagner, Gregor
; APPLICANT: Kessler, Christoph
; APPLICANT: Blum, Helmut
; APPLICANT: Domdey, Horst
; TITLE OF INVENTION: SIMULTANEOUS SEQUENCING OF NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nikaido, Marmelstein, Murray & Oram
; STREET: 655 Fifteenth Street N.W. Suite 330
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,172
; FILING DATE:
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; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a linker
US-09-619-103-14

Query Match          0.2%; Score 15.4; DB 1; Length 32;
Best Local Similarity 72.0%; Pred. No. 2.3e+03;
Matches 18; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 4015 ATGAGAAAAAGAGACAAACAAAA 4039
DB 7 AUGCAAAAAAAGAAAAAAGAAAAA 31

RESULT 799
US-09-390-324B-2
; Sequence 2, Application US/09390324B
; Patent No. 6342376
; GENERAL INFORMATION:
; APPLICANT: Kozyan, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; TITLE OF INVENTION: detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/09/390,324B
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1)..(17)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: "V=A,C,G; N=A,C,G,T"
US-09-390-324B-2

Query Match          0.2%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 9.1e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTTITTTTTTTTGG 4484
DB 1 TTTTITTTTTTTTV 16

RESULT 800
US-10-015-593-2
; Sequence 2, Application US/10015593
; Patent No. 6645741
; GENERAL INFORMATION:
; APPLICANT: Kozyan, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; TITLE OF INVENTION: detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/10/015,593
; CURRENT FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: 09/390,324
; PRIOR FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1

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; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1)..(17)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: "V=A,C,G; N=A,C,G,T"
US-10-015-593-2

Query Match          0.2%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 9.1e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTTITTTTTTTTGG 4484
DB 1 TTTTITTTTTTTTV 16

RESULT 801
US-08-031-143B-22/c
; Sequence 22, Application US/08031143B
; Patent No. 5518880
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; APPLICANT: MCBRIDE, O. WESLEY
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,143B
; FILING DATE: 12-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: OLIGONUCLEOTIDE
; DESCRIPTION: NO
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
;
US-08-031-143B-22

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 2205 CTACCGAGATGGGTGCTG 2224  
Db 20 CTACGAGATCTGGTGCCTG 1

## RESULT 802

US-08-564-002-12/c  
; Sequence 12, Application US/08564002  
; Patent No. 5714329  
; GENERAL INFORMATION:  
; APPLICANT: Dracopoli, Nicolas  
; APPLICANT: Tucker, Margaret  
; APPLICANT: Goldstein, Alissa  
; TITLE OF INVENTION: Methods for the Diagnosis of a Genetic  
; TITLE OF INVENTION: Predisposition to Cancer Associated with Variant CDK4  
; TITLE OF INVENTION: Allele  
; NUMBER OF SEQUENCES: 30  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT  
; STREET: 4 Embarcadero Center, Suite 3400  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-4187  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/564,002  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sherwood, Pamela J.  
; REGISTRATION NUMBER: 36,677  
; REFERENCE/DOCKET NUMBER: A-62562  
; TELEPHONE: (415) 781-1989  
; TELEFAX: (415) 398-3249  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "Primer"  
US-08-564-002-12

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1495 CCCAATCAGGCTGTGGGA 1514  
Db 20 CCCAATCAGGCTGTGGGA 1

## RESULT 803

US-08-890-980-61/c  
; Sequence 61, Application US/08890980  
; Patent No. 5998141  
; GENERAL INFORMATION:  
; APPLICANT: Acton, Susan L.  
; TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR  
; NUMBER OF SEQUENCES: 86  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
; STREET: One Post Office Square  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA

ZIP: 02109-2170  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/890,980  
; FILING DATE: 10-JUL-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Arnold, Beth E.  
; REGISTRATION NUMBER: 35,430  
; REFERENCE/DOCKET NUMBER: MIA-005.01  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-832-1000  
; TELEFAX: 617-832-7000  
; INFORMATION FOR SEQ ID NO: 61:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "Primer"  
US-08-890-980-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3391 CAGCTGCCACCCCCACCTT 3410  
Db 20 CAGATGCCACCCCAACCTT 1

## RESULT 804

US-09-226-568-37/c  
; Sequence 37, Application US/09226568  
; Patent No. 6001992  
; GENERAL INFORMATION:  
; APPLICANT: Ackermann, Elizabeth J.  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Dean, Nicholas M.  
; APPLICANT: Marcussen, Eric G.  
; TITLE OF INVENTION: Antisense Modulation of No. 6001992el Anti-apoptotic  
; FILE REFERENCE: ISPH-0337  
; CURRENT FILING DATE: 1999-01-07  
; CURRENT APPLICATION NUMBER: US/09/226,568  
; NUMBER OF SEQ ID NOS: 39  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 37  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: antisense  
US-09-226-568-37

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2869 AGGAGGAGGAGTGGGTA 2888  
Db 20 AGGAGGAGGAGTGGTCTA 1

## RESULT 805

US-08-890-979-61/c  
; Sequence 61, Application US/08890979

Patent No. 6030778  
; GENERAL INFORMATION:  
; APPLICANT: Acton, Susan L.  
; APPLICANT: Ordovas, Jose M.  
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS  
; TITLE OF INVENTION: DISORDERS  
; NUMBER OF SEQUENCES: 75  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
; STREET: One Post Office Square  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109-2170  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/890,979  
; FILING DATE: 10-JUL-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Arnold, Beth E.  
; REGISTRATION NUMBER: 35,430  
; REFERENCE/DOCKET NUMBER: MIA-005.02  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-832-1000  
; TELEFAX: 617-832-7000  
; INFORMATION FOR SEQ ID NO: 61:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer"  
US-08-890-979-61  
Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3391 CAGTGCACCCACCTT 3410  
Db 20 CAGATGCCACCAACACCTT 1  
RESULT 806  
US-09-289-267-56  
; Sequence 56, Application US/09289267A  
; Patent No. 6046320  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION  
; FILE REFERENCE: RTS-0049  
; CURRENT APPLICATION NUMBER: US/09/289,267A  
; CURRENT FILING DATE: 1999-04-04  
; NUMBER OF SEQ ID NOS: 166  
; SEQ ID NO 56  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-267-56  
Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2077 CGATACTGTGCTACTGTGCG 2096  
Db 1 CCATACTGTGATCCTGTGCG 20  
RESULT 807  
US-09-032-894-61/c  
; Sequence 61, Application US/09032894  
; Patent No. 6130041  
; GENERAL INFORMATION:  
; APPLICANT: Acton, Susan L.  
; TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR  
; FILE REFERENCE: MIA-005.03  
; CURRENT APPLICATION NUMBER: US/09/032,894  
; CURRENT FILING DATE: 1998-02-27  
; EARLIER APPLICATION NUMBER: 08/890,980  
; EARLIER FILING DATE: 1997-07-10  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 61  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Human  
US-09-032-894-61  
Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3391 CAGTGCACCCACCTT 3410  
Db 20 CAGATGCCACCAACACCTT 1  
RESULT 808  
US-08-765-340-10/c  
; Sequence 10, Application US/08765340  
; Patent No. 6150092  
; GENERAL INFORMATION:  
; APPLICANT: UCHIDA, K.,  
; APPLICANT: UCHIDA, T.,  
; APPLICANT: TANAKA, Y.,  
; APPLICANT: MATSUDA, Y.,  
; APPLICANT: KONDO, S.,  
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID  
; TITLE OF INVENTION: COMPOUND  
; NUMBER OF SEQUENCES: 185  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
; STREET: 345 PARK AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version  
; SOFTWARE: #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/765,340  
; FILING DATE: 23-DEC-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 145146/94  
; FILING DATE: 27-JUN-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 311130/94  
; FILING DATE: 21-NOV-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SERUNIAN, LESLIE  
; REGISTRATION NUMBER: 35,353  
; REFERENCE/DOCKET NUMBER: 1452-4005

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 758-4800  
; TELEFAX: (212) 751-6849  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "synthetic DNA"  
US-08-765-340-10

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4464 TTTTGTGTTTTTTTTTTT 4483  
Db 20 TTTGTGTTTTTTGTTTTT 1

## RESULT 809

US-09-407-675-2/c  
; Sequence 2, Application US/09407675  
; Patent No. 6169176  
; GENERAL INFORMATION:  
; APPLICANT: Bruice, Thomas C.  
; TITLE OF INVENTION: DEOXYNUCLEIC ALKYL THIUREA COMPOUNDS AND USES THEREOF  
; FILE REFERENCE: 30448.65US02  
; CURRENT APPLICATION NUMBER: US/09/407,675  
; CURRENT FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: 09/347,443  
; PRIOR FILING DATE: 1999-07-02  
; PRIOR APPLICATION NUMBER: 60/091,481  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/111,800  
; PRIOR FILING DATE: 1998-12-11  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Oligo 2  
US-09-407-675-2

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4465 TTTTGTGTTTTTTTTTTT 4484  
Db 20 TTTGTGTTTTTTGTTTTT 1

## RESULT 810

US-09-429-322-70/c  
; Sequence 70, Application US/09429322A  
; Patent No. 6190869  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE C-THETA  
; FILE REFERENCE: RTS-0100  
; CURRENT APPLICATION NUMBER: US/09/429,322A  
; CURRENT FILING DATE: 1999-10-26  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 70  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-429-322-70

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6854 ACTGCTTCTCCCTGGCA 6873  
Db 20 ATTGCTTCTCCCTGGAA 1

## RESULT 811

US-09-031-626-61/c  
; Sequence 61, Application US/09031626  
; Patent No. 6228581  
; GENERAL INFORMATION:  
; APPLICANT: Acton, Susan L.  
; APPLICANT: Ordovas, Jose M.  
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND  
; FILE REFERENCE: MIA-005.04  
; CURRENT APPLICATION NUMBER: US/09/031,626  
; CURRENT FILING DATE: 1998-02-27  
; EARLIER APPLICATION NUMBER: 08/890,979  
; EARLIER FILING DATE: 1997-07-10  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 61  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Human  
US-09-031-626-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3391 CAGCTGCCACCCCACTT 3410  
Db 20 CAGATGCCACCAACCTT 1

## RESULT 812

US-09-110-517-42  
; Sequence 42, Application US/09110517A  
; Patent No. 6248520  
; GENERAL INFORMATION:  
; APPLICANT: Roeder, Robert G  
; APPLICANT: Fondell, Joseph D  
; APPLICANT: Yuan, Chao X  
; APPLICANT: Ito, Mitsuhiro  
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING NUCLEAR HORMONE  
; FILE REFERENCE: 600-1-224  
; CURRENT APPLICATION NUMBER: US/09/110,517A  
; CURRENT FILING DATE: 1998-07-06  
; NUMBER OF SEQ ID NOS: 51  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-110-517-42

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6880 GAGGCTGGTTGGTCTCTC 6899  
 ||||| ||||| ||||| |||||  
 Db 1 GAGGCCGGTTTGGTCTTC 20

RESULT 813  
 US-09-021-701-732  
 ; Sequence 732, Application US/09021701  
 ; Patent No. 6251588  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shannon, Karen W.  
 ; APPLICANT: Wolber, Paul K.  
 ; APPLICANT: Delenstarr, Glenda C.  
 ; APPLICANT: Webb, Peter G.  
 ; APPLICANT: Kincaid, Robert H.  
 ; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
 ; TITLE OF INVENTION: probe sequences  
 ; NUMBER OF SEQUENCES: 1165  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
 ; STREET: 3000 Hanover Street  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94304  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/021,701  
 ; FILING DATE: 10-FEB-1998  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Choi, Wendy A.  
 ; REGISTRATION NUMBER: 36,697  
 ; REFERENCE/DOCKET NUMBER: 10971464-1  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 650-236-2386  
 ; TELEFAX: 650-852-8063  
 ; INFORMATION FOR SEQ ID NO: 732:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: cDNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; US-09-021-701-732

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 5699 TTGCGCTTCCTTTCTCTTC 5718  
 ||||| ||||| ||||| |||||  
 Db 1 TTCCCTTCCTTTCCATT 20  
 RESULT 814  
 US-09-021-701-733  
 ; Sequence 733, Application US/09021701  
 ; Patent No. 6251588  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shannon, Karen W.  
 ; APPLICANT: Wolber, Paul K.  
 ; APPLICANT: Delenstarr, Glenda C.  
 ; APPLICANT: Webb, Peter G.  
 ; APPLICANT: Kincaid, Robert H.  
 ; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
 ; TITLE OF INVENTION: probe sequences  
 ; NUMBER OF SEQUENCES: 1165  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
 ; STREET: 3000 Hanover Street  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94304  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/021,701  
 ; FILING DATE: 10-FEB-1998  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Choi, Wendy A.  
 ; REGISTRATION NUMBER: 36,697  
 ; REFERENCE/DOCKET NUMBER: 10971464-1  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 650-236-2386  
 ; TELEFAX: 650-852-8063  
 ; INFORMATION FOR SEQ ID NO: 732:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: cDNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; US-09-021-701-732

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 5699 TTGCGCTTCCTTTCTCTTC 5718  
 ||||| ||||| ||||| |||||  
 Db 1 TTCCCTTCCTTTCCATT 20

RESULT 814  
 US-09-021-701-733  
 ; Sequence 733, Application US/09021701  
 ; Patent No. 6251588  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shannon, Karen W.  
 ; APPLICANT: Wolber, Paul K.  
 ; APPLICANT: Delenstarr, Glenda C.  
 ; APPLICANT: Webb, Peter G.  
 ; APPLICANT: Kincaid, Robert H.  
 ; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
 ; TITLE OF INVENTION: probe sequences  
 ; NUMBER OF SEQUENCES: 1165  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
 ; STREET: 3000 Hanover Street  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94304  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/021,701  
 ; FILING DATE: 10-FEB-1998

; TITLE OF INVENTION: probe sequences  
 ; NUMBER OF SEQUENCES: 1165  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
 ; STREET: 3000 Hanover Street  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94304  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/021,701  
 ; FILING DATE: 10-FEB-1998  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Choi, Wendy A.  
 ; REGISTRATION NUMBER: 36,697  
 ; REFERENCE/DOCKET NUMBER: 10971464-1  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 650-236-2386  
 ; TELEFAX: 650-852-8063  
 ; INFORMATION FOR SEQ ID NO: 733:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: cDNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; US-09-021-701-733

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 5700 TTGCGCTTCCTTTCTCTTC 5719  
 ||||| ||||| ||||| |||||  
 Db 1 TTCCCTTCCTTTCCATT 20

RESULT 815  
 US-09-021-701-734  
 ; Sequence 734, Application US/09021701  
 ; Patent No. 6251588  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shannon, Karen W.  
 ; APPLICANT: Wolber, Paul K.  
 ; APPLICANT: Delenstarr, Glenda C.  
 ; APPLICANT: Webb, Peter G.  
 ; APPLICANT: Kincaid, Robert H.  
 ; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
 ; TITLE OF INVENTION: probe sequences  
 ; NUMBER OF SEQUENCES: 1165  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
 ; STREET: 3000 Hanover Street  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94304  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/021,701  
 ; FILING DATE: 10-FEB-1998

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 734:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-734

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5701 TGCCTTCCTTTCTCTCTCT 5720  
|||||  
DB 1 TCCCTTCCTTTTCATTCT 20

RESULT 816  
US-09-021-701-736  
Sequence 736, Application US/09021701  
Patent No. 6251588  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
APPLICANT: Wolber, Paul K.  
APPLICANT: Delenstarr, Glenda C.  
APPLICANT: Webb, Peter G.  
APPLICANT: Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
TITLE OF INVENTION: Probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Hewlett-Packard Company M/S 20  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021,701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 736:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

US-09-021-701-736

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5703 CCTTCCTTTCTCTCTCTCT 5722  
|||||  
DB 1 CCTTCCTTTTCATTCTGT 20

RESULT 817  
US-09-489-765A-50  
Sequence 50, Application US/09489765A  
Patent No. 6323029  
GENERAL INFORMATION:  
APPLICANT: Madeline M. Butler  
APPLICANT: Robert McKay  
APPLICANT: Brett P. Monia  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 BETA EXPRE  
FILE REFERENCE: RTS-0124  
CURRENT APPLICATION NUMBER: US/09/489,765A  
CURRENT FILING DATE: 2000-01-19  
NUMBER OF SEQ ID NOS: 85  
SEQ ID NO 50  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-489-765A-50

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3133 AAGGTCAACTCTGTAGCCCT 3152  
|||||  
DB 1 AAGATCAACTCTGTGCCCT 20

RESULT 818  
US-09-657-042A-38/c  
Sequence 38, Application US/09657042A  
Patent No. 6329203  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRES  
FILE REFERENCE: RTS-0148  
CURRENT APPLICATION NUMBER: US/09/657,042A  
CURRENT FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 38  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-042A-38

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAGC 7434  
|||||  
DB 20 GCAGCAGCAGCAGCAGCAGC 1

RESULT 819  
US-09-651-011A-28/c

```

; Sequence 28, Application US/09651011A
; Patent No. 6346416
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF HPK/GCK-LIKE KINASE EXPRESSION
; FILE REFERENCE: RTS-0168
; CURRENT APPLICATION NUMBER: US/09/651,011A
; CURRENT FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-651-011A-28

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2147 GTGAGCTCTCATCCAAATTC 2166
Db      20 GTGAGATCATCATCCAAATC 1

RESULT 820
US-09-536-259-9
; Sequence 9, Application US/09536259
; Patent No. 6358687
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benot
; APPLICANT: WELLINGER, Raymond
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MONITORING THE BINDING OF
; TITLE OF INVENTION: A1/UP1 TO TELOMERIC DNA SEQUENCES AND TELOMERASE RNA,
; TITLE OF INVENTION: AND TO MEASURE THE EFFECT OF THIS BINDING ON TELOMERE
; TITLE OF INVENTION: EXTENSION AND PROTECTION
; FILE REFERENCE: 9555.99US01
; CURRENT APPLICATION NUMBER: US/09/536,259
; CURRENT FILING DATE: 2000-03-27
; EARLIER APPLICATION NUMBER: 2,264,262
; EARLIER FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-09-536-259-9

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3217 GTGGGTGGGAGGAGGGAAGG 3236
Db      1 GGGGGTGGGAGCAGGGGAGG 20

RESULT 821
US-09-629-645A-92
; Sequence 92, Application US/09629645A
; Patent No. 6365354
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
; FILE REFERENCE: RTS-0137
; CURRENT APPLICATION NUMBER: US/09/629,645A

```

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; CURRENT FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-645A-92

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      496 AAGAAGAACATTTACACTGT 515
Db      1 ATGAAAAACATTTACACTTT 20

RESULT 822
US-09-659-791A-85/c
; Sequence 85, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-85

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4493 CATGGGTTGGCTGCTCTTG 4512
Db      20 CATGGGTTGGCCATGTTG 1

RESULT 823
US-09-295-593-19/c
; Sequence 19, Application US/09295593
; Patent No. 6417169
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; APPLICANT: LEE, Yoon S.
; TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
; FILE REFERENCE: 032396-046
; CURRENT APPLICATION NUMBER: US/09/295,593
; CURRENT FILING DATE: 1999-04-22
; EARLIER APPLICATION NUMBER: US 60/082,791
; EARLIER FILING DATE: 1998-04-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION:
US-09-295-593-19

Query Match      0.2%; Score 15.2; DB 1; Length 20;

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Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5778 GCCTGCTGCTGCTGCTGCT 5797  
Db 20 GCCTGCTGCTGCTGCTGCT 1

## RESULT 824

US-09-676-610B-104  
; Sequence 104, Application US/09676610B  
; Patent No. 644465  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Jacqueline Wyatt  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION  
; FILE REFERENCE: RTS-0138  
; CURRENT APPLICATION NUMBER: US/09/676,610B  
; CURRENT FILING DATE: 2000-09-29  
; NUMBER OF SEQ ID NOS: 182  
; SEQ ID NO 104  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-676-610B-104

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2862 GGAAGCAAGGAGGAGGAGG 2881  
Db 1 GAATGCGAGGAGGAGGAGG 20

## RESULT 825

US-09-844-525A-45  
; Sequence 45, Application US/09844525A  
; Patent No. 6468796  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSION  
; FILE REFERENCE: RTS-0230  
; CURRENT APPLICATION NUMBER: US/09/844,525A  
; CURRENT FILING DATE: 2001-08-20  
; NUMBER OF SEQ ID NOS: 90  
; SEQ ID NO 45  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-844-525A-45

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7272 TCCCCACAGCTGTACTTG 7291  
Db 1 TCCCCACAGCTGTCTTCTG 20

## RESULT 826

US-09-725-265-40/c  
; Sequence 40, Application US/09725265  
; Patent No. 6492121  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA  
; TITLE OF INVENTION: THE METHOD  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/09/725,265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 40  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-40

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6680 CGTTATTTTATTTATATAT 6699  
Db 20 CCTTTTATATATATAT 1

## RESULT 827

US-09-725-265-41/c  
; Sequence 41, Application US/09725265  
; Patent No. 6492121  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING D  
; TITLE OF INVENTION: THE METHOD  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/09/725,265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 41  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-41

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6680 CGTTATTTTATTTATATAT 6699  
Db 20 CCTTTTATATATATAT 1

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; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 289:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-289

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0

QY 1987 CTGGGAGCAGATGTTACACA 2006
| | | | | | | | | | | | | | | |
DB 1 CAGGGAGCAGATCTTACCCA 20

RESULT 830
US-09-402-923A-289
; Sequence 289, Application US/09402923A
; Patent No. 6555654
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; Hesse, John W
; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshihiko
; Merriman, Tony R
; Metzker, Michael L
; TITLE OF INVENTION: No. 6555654e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402.923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 289:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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; SEQUENCE DESCRIPTION: SEQ ID NO: 289;  
US-09-402-923A-289

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1987 CTGGAGCAGATGTACACA 206  
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Db 1 CAGGAGCAGATCTTACCCA 20

RESULT 831

US-09-198-452A-2391/c  
; Sequence 2391, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 2391

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-2391

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 457 CTCGAGTCCTTGTGATCG 476  
| ||||| ||||| ||||| |||||  
Db 20 CGTCAGTCTCTTGAGATCG 1

RESULT 832

US-09-198-452A-2978

; Sequence 2978, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 2978

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-2978

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3684 CCAGAAAGCCGATTTTG 3703  
| ||||| ||||| ||||| |||||  
Db 1 CCAGAAAGCCGCAATTTG 20

RESULT 833

US-09-198-452A-5002/c

; Sequence 5002, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 5002

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-5002

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7415 GCAGCAGCAGCAGCAGC 7434  
| ||||| ||||| ||||| |||||  
Db 20 GCAGCAGCAGCAGCAGC 1

RESULT 834

US-09-198-452A-5785/c

; Sequence 5785, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 5785

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-5785

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5033 CAGCTCAGCAGCAGCCTAC 5052  
| ||||| ||||| ||||| |||||  
Db 20 CTGCTCATTGGAGAGACTAC 1

RESULT 835

US-09-198-452A-6476/c

; Sequence 6476, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 6476

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-6476

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7412 TCAGCAGCAGCAGCAGC 7431  
Db 20 TCAGCAACAGCAACAGCAGC 1

RESULT 836  
US-09-198-452A-6842  
; Sequence 6842, Application US/09198452A

APPLICANT: Griffais, R.  
TITLE OF INVENTION: Chlamydia pneumoniae  
TITLE OF INVENTION: thereof and uses thereof

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; CURRENT APPLICATION NUMBER: US/09/198,4
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849

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;  
 ;  
 ; TYPE: DNA  
 ; ORGANISM: Chlamydia pneumoniae  
 US-09-198-452A-6842

Best Local Similarity 85.0%;  
Matches 17; Conservative 0; Mismatches 0

Db 1 GGCCAAAGCCGTACCGATT C 20

US-09-601-144-20/C  
; Sequence 20, Application US/09601144  
; Patent No. 6566514  
; GENERAL INFORMATION:

; AFFILIANT: Young, Yoon S.  
 ; APPLICANT: Lee, Yoon S.  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE SE  
 ; TITLE OF INVENTION: AND THIREDOPXIN R

; PDS REFERENCE: 003-11203-A  
 ; CURRENT APPLICATION NUMBER: US/09/601,199  
 ; CURRENT FILING DATE: 2000-10-18  
 ; PRIOR APPLICATION NUMBER: US 60/073,199

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; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 20
; LENGTH: 20

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US-09-601-144-20  
ORGANISM: Human  
Query Match 0.28: Score 1

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	<div style="display: flex; justify-content: space-between;"> <span>1670 AACCTTGTTTCTGCAAAATAT</span> <span>1689</span> </div> <div style="display: flex; justify-content: space-between; margin-top: -10px;"> <span>                                   </span> <span>                                   </span> </div>

RESULT 838  
US-09-823-634A-18/c

; PATENT NO. 6396489  
; GENERAL INFORMATION:  
; APPLICANT: Applied Gene Technologies, Inc.

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-045-104

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 65 GCTGCGGGCGGGCGGCGG 84  
Db 20 GCGCGGGGAGGCGGCGG 1

RESULT 841

PCT-US94-02891-22/c  
; Sequence 22, Application PC/TUS9402891  
; GENERAL INFORMATION:  
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS  
; APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN  
; APPLICANT: SERVICES  
; APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL  
; APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA  
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF  
; TITLE OF INVENTION: XSCID  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN  
; STREET: 345 PARK AVE.  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WORD PERFECT # 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/02891  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/031,143  
; FILING DATE: 12-MAR-1993  
; APPLICATION NUMBER: 08/121,435  
; FILING DATE: 14-SEPT-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: WILLIAM S. FEILER  
; REGISTRATION NUMBER: 26,728  
; REFERENCE/DOCKET NUMBER: 2026-4061  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-758-4800  
; TELEFAX: 212-751-6849  
; TELEX: 421792  
; INFORMATION FOR SEQ ID NO: 22:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: SINGLE  
; TOPOLOGY: UNKNOWN  
; MOLECULE TYPE: OLIGONUCLEOTIDE  
; DESCRIPTION: NO  
; HYPOTHETICAL: YES  
; ANTI-SENSE: YES  
; ORIGINAL SOURCE:  
; ORGANISM: HUMAN  
; INDIVIDUAL ISOLATE: IL-2R  
; PCT-US94-02891-22

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 2205 CTACCGAGATGGGTGCTG 2224  
Db 20 CTACAGAGATCTGGTGCCTG 1

RESULT 842

US-08-145-704-11/c  
; Sequence 11, Application US/08145704  
; Patent No. 5567604  
; GENERAL INFORMATION:  
; APPLICANT: Rando, Robert F.  
; APPLICANT: Fennwald, Susan  
; APPLICANT: Zengedui, Joseph G.  
; APPLICANT: Joshua O. Ojwang  
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich  
; TITLE OF INVENTION: Oligonucleotides  
; NUMBER OF SEQUENCES: 45  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fulbright & Jaworski  
; STREET: 1301 McKinney, Suite 5100  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: U.S.A.  
; ZIP: 77010-3095  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/145,704  
; FILING DATE: 28-OCT-1993  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/053,027  
; FILING DATE: 23-APR-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul, Thomas D.  
; REGISTRATION NUMBER: 32,714  
; REFERENCE/DOCKET NUMBER: D-5574-CIP  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 713/651-5151  
; TELEFAX: 713/651-5246  
; TELEX: 762829  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; US-08-145-704-11

Query Match 0.2%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2998 CCCCCACCCCTCACCCATC 3017  
Db 21 CCCCCACCCACCCACCCACC 2

RESULT 843

US-08-207-901-4/c  
; Sequence 4, Application US/08207901  
; Patent No. 5629153  
; GENERAL INFORMATION:  
; APPLICANT: Urdea, Michael S.  
; TITLE OF INVENTION: USE OF DNA-DEPENDENT RNA POLYMERASE  
; TITLE OF INVENTION: TRANSCRIPTS AS REPORTER MOLECULES FOR SIGNAL  
; TITLE OF INVENTION: AMPLIFICATION IN NUCLEIC ACID HYBRIDIZATION ASSAYS

```

;
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/207,901
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/639,560B
; FILING DATE: 10-JAN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Kenneth M.
; REGISTRATION NUMBER: 34,174
; REFERENCE/DOCKET NUMBER: 00081.002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2719
; TELEFAX: 510-655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: /note= "Represents the
; OTHER INFORMATION: N4-(6-aminocaproyl-2-aminoethyl) derivative of
; OTHER INFORMATION: 5-methyl cytidine"
;
; US-08-207-901-4
;
; Query Match 0.2%; Score 15.2; DB 1; Length 21;
; Best Local Similarity 85.0%; Pred. No. 1.4e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 3609 TTCTTTGGGGAATGGGGTGG 3628
; ||||| ||||| |||||
; Db 20 TTCTTTGGGGAATGGGGTGG 1
;
; RESULT 844
; US-08-639-501-57/c
; Sequence 57, Application US/08639501
; Patent No. 5837492
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Kamb, Alexander
; APPLICANT: Simard, Jacques
; APPLICANT: Couch, Fergus
; APPLICANT: Rommens, Johanna
; APPLICANT: Weber, Barbara
; TITLE OF INVENTION: Chromosome 13-linked Breast Cancer
; TITLE OF INVENTION: Susceptibility Gene
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1001
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 22204
; COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/639,501
; FILING DATE: 29-APR-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/585,391
; FILING DATE: 11-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/576,559
; FILING DATE: 21-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/575,359
; FILING DATE: 20-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/573,779
; FILING DATE: 18-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-116802-04
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
; US-08-639-501-57
;
; Query Match 0.2%; Score 15.2; DB 1; Length 21;
; Best Local Similarity 85.0%; Pred. No. 1.4e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 4947 TTACTTTTTCCTCGTGGCT 4966
; ||||| ||||| |||||
; Db 21 TAACTTTTTCCGCTAGCT 2
;
; RESULT 845
; US-08-416-711-9/c
; Sequence 9, Application US/08416711
; Patent No. 6017538
; GENERAL INFORMATION:
; APPLICANT: DRUILHE, PIERRE
; APPLICANT: BOUHAROUN-TAYOUN, HASNAQ
; APPLICANT: OEUVRAY, CLAUDE
; TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
; TITLE OF INVENTION: PROTECTIVE ANTIBODIES
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

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<p> CURRENT APPLICATION DATA:  APPLICATION NUMBER: US/08/416,711  FILING DATE: 08-AUG-1995  CLASSIFICATION: 424  PRIOR APPLICATION DATA:  APPLICATION NUMBER: PCT/FR93/01024  FILING DATE: 18-OCT-1993  PRIOR APPLICATION DATA:  APPLICATION NUMBER: FR 92/12488  FILING DATE: 19-OCT-1992  ATTORNEY/AGENT INFORMATION:  NAME: ORLON, NORMAN F.  REGISTRATION NUMBER: 24,618  REFERENCE/DOCKET NUMBER: 660-085-0 PCT  TELECOMMUNICATION INFORMATION:  TELEPHONE: 703-413-3000  TELEFAX: 703-413-2220  INFORMATION FOR SEQ ID NO: 9:  LENGTH: 21 base pairs  TYPE: nucleic acid  STRANDEDNESS: single  TOPOLOGY: linear  MOLECULE TYPE: other nucleic acid  DESCRIPTION: /desc = "SYNTHETIC DNA PRIMER"  US-08-416-711-9 </p>	<p> Query Match 0.2%; Score 15.2; DB 1; Length 21;  Best Local Similarity 85.0%; Pred. No. 1.4e+03;  Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  QY 5373 AAATGCATTTTTCAGCCCTTT 5392  DB 21 ATAAGCATTTTTCGCCCTTT 2 </p>
<p> RESULT 846  US-09-044-946-57/c  Sequence 57, Application US/09044946  Patent No. 6033857  GENERAL INFORMATION:  APPLICANT: Tavtigian, Sean V.  APPLICANT: Kamb, Alexander  APPLICANT: Simard, Jacques  APPLICANT: Couch, Fergus  APPLICANT: Rommens, Johanna  APPLICANT: Weber, Barbara  TITLE OF INVENTION: Chromosome 13-linked Breast Cancer  TITLE OF INVENTION: Susceptibility Gene  NUMBER OF SEQUENCES: 124  CORRESPONDENCE ADDRESS:  ADDRESSEE: Venable, Baetjer, Howard &amp; Civiletti  STREET: 1201 New York Avenue N.W., Suite 1001  CITY: Washington  STATE: DC  COUNTRY: USA  ZIP: 22204  COMPUTER READABLE FORM:  MEDIUM TYPE: Floppy disk  COMPUTER: IBM PC compatible  OPERATING SYSTEM: PC-DOS/MS-DOS  SOFTWARE: PatentIn Release #1.0, Version #1.30  CURRENT APPLICATION DATA:  APPLICATION NUMBER: US/09/044,946  FILING DATE:  CLASSIFICATION:  PRIOR APPLICATION DATA:  APPLICATION NUMBER: 08/639,501  FILING DATE:  PRIOR APPLICATION DATA:  APPLICATION NUMBER: US 08/576,559  FILING DATE: 21-DEC-1995  PRIOR APPLICATION DATA:  APPLICATION NUMBER: US 08/575,359  FILING DATE: 20-DEC-1995 </p>	<p> RESULT 847  US-09-044-908-57/c  Sequence 57, Application US/09044908  Patent No. 6124104  GENERAL INFORMATION:  APPLICANT: Tavtigian, Sean V.  APPLICANT: Kamb, Alexander  APPLICANT: Simard, Jacques  APPLICANT: Couch, Fergus  APPLICANT: Rommens, Johanna  APPLICANT: Weber, Barbara  TITLE OF INVENTION: Chromosome 13-linked Breast Cancer  TITLE OF INVENTION: Susceptibility Gene  NUMBER OF SEQUENCES: 124  CORRESPONDENCE ADDRESS:  ADDRESSEE: Venable, Baetjer, Howard &amp; Civiletti  STREET: 1201 New York Avenue N.W., Suite 1001  CITY: Washington  STATE: DC  COUNTRY: USA  ZIP: 22204  COMPUTER READABLE FORM:  MEDIUM TYPE: Floppy disk  COMPUTER: IBM PC compatible  OPERATING SYSTEM: PC-DOS/MS-DOS  SOFTWARE: PatentIn Release #1.0, Version #1.30  CURRENT APPLICATION DATA:  APPLICATION NUMBER: US/09/044,908  FILING DATE:  CLASSIFICATION:  PRIOR APPLICATION DATA:  APPLICATION NUMBER: 08/639,501  FILING DATE:  PRIOR APPLICATION DATA:  APPLICATION NUMBER: US 08/576,559  FILING DATE: 21-DEC-1995  PRIOR APPLICATION DATA:  APPLICATION NUMBER: US 08/575,359  FILING DATE: 20-DEC-1995 </p>

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/573,779
; FILING DATE: 18-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-116802-04
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-09-044-908-57

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4947 TTACTTTTTCCTCGCTGGCT 4966
      |||||||||
Db 21 TAACTTTTTCGCTAGCT 2

RESULT 848
US-08-987-574-11/c
; Sequence 11, Application US/08987574
; Patent No. 6150339
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegeui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/987,574
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04529
; FILING DATE: 28-OCT-1993
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-535-168-11

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2998 CCCCCACCCCTCACCCCATC 3017
      |||||||
Db 21 CCCCCACCCACCCACCCACC 2

RESULT 849
US-08-535-168-11/c
; Sequence 11, Application US/08535168
; Patent No. 6184369
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegeui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,168
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04529
; FILING DATE: 28-OCT-1993
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-535-168-11

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 2998 CCCCCACCCCTCACCCCATC 3017  
 |||||  
 Db 21 CCCCCACCCACCCACCCACC 2

## RESULT 850

US-09-017-974-11/c  
 ; Sequence 11, Application US/09017974  
 ; Patent No. 6288042  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rando, Robert F.  
 ; APPLICANT: Ojwang, Joshua O.  
 ; APPLICANT: Hogan, Michael E.  
 ; APPLICANT: Wallace, Thomas L.  
 ; APPLICANT: Cossum, Paul A.  
 ; TITLE OF INVENTION: Anti-Viral Guanosine-Rich  
 ; TITLE OF INVENTION: Tetrad Forming Oligonucleotides  
 ; NUMBER OF SEQUENCES: 88  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Conley, Rose & Tayon, P.C.  
 ; STREET: 600 Travis, Suite 1800  
 ; CITY: Houston  
 ; STATE: Texas  
 ; COUNTRY: U.S.A.  
 ; ZIP: 77002-2912  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: MS Word 97 (saved as .txt file)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/017,974  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 60/037,374  
 ; FILING DATE: 04-FEB-97  
 ; APPLICATION NUMBER:  
 ; FILING DATE: 09-DEC-97  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: McDaniel, C. Steven  
 ; REGISTRATION NUMBER: 33,962  
 ; REFERENCE/DOCKET NUMBER: 1472-06223  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 713/238-8010  
 ; TELEFAX: 713/238-8008  
 ; INFORMATION FOR SEQ ID NO: 11:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 21 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-09-017-974-11

Query Match 0.28; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.08; Pred. No. 1.4e+03;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2998 CCCCCACCCCTCACCCCATC 3017  
 |||||  
 Db 21 CCCCCACCCACCCACCCACC 2

## RESULT 851

US-08-682-255A-11/c  
 ; Sequence 11, Application US/08682255A  
 ; Patent No. 6321185  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rando, Robert F.  
 ; APPLICANT: Fennewald, Susan  
 ; APPLICANT: Zendequi, Joseph G.

; APPLICANT: Ojwang, Joshua O.  
 ; APPLICANT: Hogan, Michael E.  
 ; APPLICANT: Pommier, Yves  
 ; APPLICANT: Mazumder, Abhijit  
 ; TITLE OF INVENTION: Anti-Viral Guanosine-Rich  
 ; TITLE OF INVENTION: Oligonucleotides  
 ; NUMBER OF SEQUENCES: 87  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Conley, Rose & Tayon, P.C.  
 ; STREET: 600 Travis, Suite 1850  
 ; CITY: Houston  
 ; STATE: Texas  
 ; COUNTRY: U.S.A.  
 ; ZIP: 77002-2912  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: MS Windows 95  
 ; SOFTWARE: MS Word 97 (saved as .txt file)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/682,255A  
 ; FILING DATE: 17-JULY-1996  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/535,168  
 ; FILING DATE: 23-OCT-95  
 ; APPLICATION NUMBER: 60/001,505  
 ; FILING DATE: 19-JULY-95  
 ; APPLICATION NUMBER: 60/014,007  
 ; FILING DATE: 25-MARCH-96  
 ; APPLICATION NUMBER: 60/013,688  
 ; FILING DATE: 19-MARCH-96  
 ; APPLICATION NUMBER: 60/015,714  
 ; FILING DATE: 17-APRIL-96  
 ; APPLICATION NUMBER: 60/016,271  
 ; FILING DATE: 23-APRIL-96  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: McDaniel, C. Steven  
 ; REGISTRATION NUMBER: 33,962  
 ; REFERENCE/DOCKET NUMBER: 1472-06214  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 713/238-8010  
 ; TELEFAX: 713/238-8008  
 ; INFORMATION FOR SEQ ID NO: 11:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 21 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-682-255A-11

Query Match 0.28; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.08; Pred. No. 1.4e+03;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2998 CCCCCACCCCTCACCCCATC 3017  
 |||||  
 Db 21 CCCCCACCCACCCACCCACC 2

## RESULT 852

US-09-429-130-11/c  
 ; Sequence 11, Application US/09429130  
 ; Patent No. 6355785  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rando, Robert F.  
 ; APPLICANT: Fennewald, Susan  
 ; APPLICANT: Zendequi, Joseph G.  
 ; APPLICANT: Ojwang, Joshua O.  
 ; APPLICANT: Hogan, Michael E.  
 ; APPLICANT: Pommier, Yves  
 ; APPLICANT: Mazumder, Abhijit

```
;
; 60/015,714
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; Oligonucleotides
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & TAYON, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/429,130
; FILING DATE: 28-Oct-1999
; CLASSIFICATION: <Unknown>
; 19-JULY-95
; 25-MARCH-96
; 19-MARCH-96
; 17-APRIL-96
; 23-APRIL-96
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/682,255
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 25-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/016,271
; FILING DATE: 17-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-429-130-11

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2998 CCCCCCCCCCTACCCCATC 3017
Db 21 CCCCCCCCCCACCACCACC 2

RESULT 853
US-09-227-595-14/c
; Sequence 14, Application US/09227595
; Patent No. 644792
; GENERAL INFORMATION:
; APPLICANT: Gray, Gary S. et al.
; TITLE OF INVENTION: CTLA4-Immunoglobulin Fusion Proteins
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
```

```
;
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/227,595
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/595,590
; FILING DATE: February 2, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION/DOCKET NUMBER: 36,207
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-09-227-595-14

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6020 TTTCACACCTGTCCACTCC 6039
Db 20 TCTCCACAGGTGTCCACTCC 1

RESULT 854
US-09-356-497-9/c
; Sequence 9, Application US/09356497
; Patent No. 6472519
; GENERAL INFORMATION:
; APPLICANT: DRUILHE, PIERRE
; BOUHAROUN-TAYOUN, HASNAQ
; OEUVRAY, CLAUDE
; TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
; PROTECTIVE ANTIBODIES
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/356,497
; FILING DATE: 19-Jul-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/416,711
; FILING DATE: 08-AUG-1995
```

```
; APPLICATION NUMBER: PCT/FR93/01024
; FILING DATE: 18-OCT-1993
; APPLICATION NUMBER: FR 92/12488
; FILING DATE: 19-OCT-1992
; ATTORNEY/AGENT INFORMATION:
;   NAME: OBLON, NORMAN F.
;   REGISTRATION NUMBER: 24,618
;   REFERENCE/DOCKET NUMBER: 660-085-0 PCT
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 703-413-3000
;   TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 9:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 21 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA PRIMER"
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-356-497-9
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Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5373 AAATGCATTTTTCAGCCCTTT 5392
Db 21 ATAAGCATTTTTCGCCCTTT 2
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## RESULT 855

```
US-09-422-978-6964
; Sequence 6964, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1998-11-23
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6964
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-21763 for SEQ 3030,
US-09-422-978-6964
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Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5707 CCTTTTCCTCTCTCTCTTT 5726
Db 1 CCTTTTCCTCTCTCTCTCT 20
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## RESULT 856

```
US-09-422-978-9636/c
; Sequence 9636, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1998-11-23
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9636
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-6261 for SEQ 1771, in complem
US-09-422-978-9636
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Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
Qy 5736 CCTTTCCTCTCTCTCTATT 5755
Db 21 CCTCACCCCTTTCTCTCTTT 2
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## RESULT 857

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US-09-422-978-11166
; Sequence 11166, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1998-11-23
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11166
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3061 for SEQ 3301, in complem
US-09-422-978-11166
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Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
Qy 4635 CAACTTCAGTGTGGAATTC 4654
Db 2 CAACTTCAGTGTGTAATTC 21
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## RESULT 858

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PCT-US96-11786-11/c
; Sequence 11, Application PC/TUS9611786
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennwald, Susan
; APPLICANT: Zendequi, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/11786
; FILING DATE: 17-JULY-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168; 60/001,505; 60/014,007; 60/013,688;
; APPLICATION NUMBER: 60/015,714; 60/016,271
; FILING DATE: 23-OCT-95; 17-JULY-96; 25-MARCH-96; 19-MARCH-96; 23-
; FILING DATE: APRIL-96; 17-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US96-11786-11

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2998 CCCCCCCCCCTCACCCTC 3017
Db 21 CCCCCACCACCCACCACC 2

RESULT 859
US-08-457-273B-22/c
; Sequence 22, Application US/08457273B
; Patent No. 5849995
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael
; APPLICANT: Lin, Biaoyang
; APPLICANT: Nasir, Jamal
; TITLE OF INVENTION: Mouse Model for Huntington's Disease and
; TITLE OF INVENTION: Related DNA Sequences
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Virginia Bennett
; STREET: PO Box 37428

```

```

; CITY: Raleigh
; STATE: No. 5849995th Carolina
; COUNTRY: US
; ZIP: 27627
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,273B
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Virginia C.
; REGISTRATION NUMBER: 37,092
; REFERENCE/DOCKET NUMBER: 3477-85A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-854-1400
; TELEFAX: 919-854-1401
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-273B-22

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5474 TTTTGTAAAGATAATT 5493
Db 22 TTTTGTAAAGCAATT 3

RESULT 860
US-08-104-165-29
; Sequence 29, Application US/08104165
; Patent No. 5877015
; GENERAL INFORMATION:
; APPLICANT: HARDY, John Anthony
; APPLICANT: GOATE, Alison Mary
; APPLICANT: MULLAN, Michael John
; APPLICANT: CHARTIER-HARLIN, Marie-Christine
; APPLICANT: OWEN, Michael John
; TITLE OF INVENTION: Test and Model for Alzheimer's Disease
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/104,165
; FILING DATE: 21-JAN-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 9101307.8
; FILING DATE: 21-JAN-1991
; APPLICATION NUMBER: 9118445.7
; FILING DATE: 28-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505

```

REFERENCE/DOCKET NUMBER: 16163-000100  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 326-2400  
TELEFAX: (415) 326-2422  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (Primer)  
US-08-104-165-29

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5617 TTACCCAAGCTTCAAGGAAG 5636  
Db 2 TAACCCAAGCATCATGGAAG 21

## RESULT 861

US-08-187-161-4  
Sequence 4, Application US/08187161  
Patent No. 5981175  
GENERAL INFORMATION:  
APPLICANT: Loring, Jeanne F.  
APPLICANT: Choi, Theodore  
APPLICANT: Kay, Robert M.  
TITLE OF INVENTION: Methods for Producing Transgenic  
TITLE OF INVENTION: No. 5981175-Human Animals Harboring a Yeast Artificial Chromosome  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend Kourie and Crew  
STREET: One Market Plaza, Steuart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA: US/08/187,161  
FILING DATE: 25-JAN-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Dunn, Tracy J.  
REGISTRATION NUMBER: 34,587  
REFERENCE/DOCKET NUMBER: 14643-38-2

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-326-2400  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
US-08-187-161-4

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5617 TTACCCAAGCTTCAAGGAAG 5636  
Db 2 TAACCCAAGCATCATGGAAG 21

RESULT 862  
US-08-464-250-29  
Sequence 29, Application US/08464250  
Patent No. 6107542  
GENERAL INFORMATION:  
APPLICANT: HARDY, John Anthony  
APPLICANT: GOATE, Alison Mary  
APPLICANT: MULLAN, Michael John  
APPLICANT: CHARTIER-HARLIN, Marie-Christine  
APPLICANT: OWEN, Michael John  
TITLE OF INVENTION: Test and Model for Alzheimer's Disease  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend Kourie and Crew  
STREET: 379 Lytton Avenue  
CITY: Palo Alto  
STATE: California  
COUNTRY: US  
ZIP: 94301

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/464,250  
FILING DATE: 05-JUN-1995  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/104,165  
FILING DATE: 21-JAN-1992  
APPLICATION NUMBER: 9101307.8  
FILING DATE: 21-JAN-1991  
APPLICATION NUMBER: 9118445.7  
FILING DATE: 28-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Liebeschuetz, Joe  
REGISTRATION NUMBER: 37,505  
REFERENCE/DOCKET NUMBER: 16163-000100  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 326-2400  
TELEFAX: (415) 326-2422  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (Primer)  
US-08-464-250-29

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5617 TTACCCAAGCTTCAAGGAAG 5636  
Db 2 TAACCCAAGCATCATGGAAG 21

## RESULT 863

US-08-464-250-29  
Sequence 29, Application US/08464250  
Patent No. 6300540  
GENERAL INFORMATION:  
APPLICANT: HARDY, John Anthony  
GOATE, Alison Mary  
MULLAN, Michael John  
CHARTIER-HARLIN, Marie-Christine  
OWEN, Michael John  
TITLE OF INVENTION: Test and Model for Alzheimer's Disease  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend Khourie and Crew  
STREET: 379 Lytton Avenue  
CITY: Palo Alto  
STATE: California  
COUNTRY: US  
ZIP: 94301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/464,250  
FILING DATE: 05-Jun-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/104,165  
FILING DATE: 21-JAN-1992  
APPLICATION NUMBER: 9101307.8  
FILING DATE: 21-JAN-1991  
APPLICATION NUMBER: 9118445.7  
FILING DATE: 28-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Liebeschuetz, Joe  
REGISTRATION NUMBER: 37,505  
REFERENCE/DOCKET NUMBER: 16163-000100  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 326-2400  
TELEFAX: (415) 326-2422  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (Primer)  
SEQUENCE DESCRIPTION: SEQ ID NO: 29:  
US-08-464-250-29

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5617 TTACCCAGCTTCAAGGAG 5636  
Db 2 TAACCCAGCATCATGGAAG 21

## RESULT 864

US-09-126-980-4/c  
; Sequence 4, Application US/09126980  
; Patent No. 6270956  
; GENERAL INFORMATION:  
; APPLICANT: Jones, Katherine  
; APPLICANT: Wei, Ping  
; APPLICANT: Garber, Mitchell  
; APPLICANT: Fang, Shi-Min  
; TITLE OF INVENTION: A TRANSCRIPTIONAL COACTIVATOR THAT  
; TITLE OF INVENTION: INTERACTS WITH TAT PROTEIN AND REGULATES ITS  
; TITLE OF INVENTION: BINDING TO TAR RNA, METHODS FOR MODULATING TAT  
; TITLE OF INVENTION: TRANSCRIPTION, AND USES THEREFOR  
; FILE REFERENCE: SALK2231  
; CURRENT APPLICATION NUMBER: US/09/126,980  
; CURRENT FILING DATE: 1998-07-30  
; EARLIER APPLICATION NUMBER: 60/069,341  
; EARLIER FILING DATE: 1997-12-11  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 4  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: homo sapien

## US-09-126-980-4

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5695 CTGTTTGGCTTCCTTTTCC 5714  
Db 20 CTGTTTGTGAGCCTTTTCC 1

## RESULT 865

US-09-476-482-4/c  
; Sequence 4, Application US/09476482  
; Patent No. 6284456  
; GENERAL INFORMATION:  
; APPLICANT: Jones, Katherine A.  
; APPLICANT: Wei, Ping  
; APPLICANT: Garber, Mitchell  
; APPLICANT: Fang, Shi-Min  
; TITLE OF INVENTION: A TRANSCRIPTIONAL COACTIVATOR THAT  
; TITLE OF INVENTION: INTERACTS WITH TAT PROTEIN AND REGULATES ITS BINDING TO TAR  
; TITLE OF INVENTION: RNA, METHODS FOR MODULATING TAT TRANSCRIPTION, AND USES  
; TITLE OF INVENTION: THEREFOR  
; FILE REFERENCE: SALK2230-2  
; CURRENT APPLICATION NUMBER: US/09/476,482  
; CURRENT FILING DATE: 1999-12-30  
; EARLIER APPLICATION NUMBER: 09/126,980  
; EARLIER FILING DATE: 1998-07-30  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide for PCR  
US-09-476-482-4

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5695 CTGTTTGGCTTCCTTTTCC 5714  
Db 20 CTGTTTGTGAGCCTTTTCC 1

## RESULT 866

US-08-897-956A-23/c  
; Sequence 23, Application US/08897956A  
; Patent No. 6423512  
; GENERAL INFORMATION:  
; APPLICANT: Mary Ellen Digan  
; APPLICANT: Philip Lake  
; APPLICANT: Hermann Gram  
; TITLE OF INVENTION: Fusion Polypeptides  
; FILE REFERENCE: 600-7244/CPA  
; CURRENT APPLICATION NUMBER: US/08/897,956A  
; CURRENT FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/022,689  
; PRIOR FILING DATE: 1996-07-26  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 23  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide Primer  
US-08-897-956A-23

Query Match 0.2%; Score 15.2; DB 1; Length 22;

Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 3; Gaps 0;

Qy 3704 CATTGTAAGGAAATGACTTC 3723  
Db 20 CATTGGTGAAGTACTGCTTC 1

## RESULT 867

US-09-134B-13/c  
; Sequence 13, Application US/09390134B  
; Patent No. 6518399  
; GENERAL INFORMATION:  
; APPLICANT: BARNES, ASHLEY A.  
; APPLICANT: WISE, ALAN  
; APPLICANT: MARSHALL, FIONA H.  
; APPLICANT: FRASER, NEIL J. M.  
; APPLICANT: WHITE, JULIE H. M.  
; TITLE OF INVENTION: NOVEL RECEPTOR  
; FILE REFERENCE: PG3558US2  
; CURRENT APPLICATION NUMBER: US/09/390,134B  
; CURRENT FILING DATE: 1999-09-03  
; PRIOR APPLICATION NUMBER: GB9819420.2  
; PRIOR FILING DATE: 1998-09-07  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: Fast-SEQ for Windows Version 4.0  
; SEQ ID NO 13  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-390-134B-13

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7417 AGCAGCAGCAGCAGCAGC 7436  
Db 21 AGCAGCAGCAGCAGCAGC 2

## RESULT 868

US-09-780-172-11  
; Sequence 11, Application US/09780172  
; Patent No. 6607916  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION  
; FILE REFERENCE: RTS-0159  
; CURRENT APPLICATION NUMBER: US/09/780,172  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 96  
; SEQ ID NO 11  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR Primer  
US-09-780-172-11

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2408 CCACAGTGGACACCAATC 2427  
Db 2 CCACAGTGAATCCAGCATC 21

## RESULT 869

US-09-445-283C-45  
; Sequence 45, Application US/09445283C  
; Patent No. 6624296  
; GENERAL INFORMATION:  
; APPLICANT: Maliga, Daniel  
; APPLICANT: Silhavy, Daniel  
; APPLICANT: Sriraman, Priya  
; TITLE OF INVENTION: Plastid Promoters for Transgene Expression in the Plastids of Higher Plants  
; FILE REFERENCE: Ruc 97-0097  
; CURRENT APPLICATION NUMBER: US/09/445,283C  
; CURRENT FILING DATE: 1999-12-03  
; PRIOR APPLICATION NUMBER: PCT/US98/11437  
; PRIOR FILING DATE: 1998-06-03  
; PRIOR APPLICATION NUMBER: 60/058,670  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/048,376  
; PRIOR FILING DATE: 1997-06-03  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Fast-SEQ for Windows Version 3.0  
; SEQ ID NO 45  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-09-445-283C-45

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3342 GAATCCAGTTGTAGGAAGA 3361  
Db 3 GAATCTGTTGTAGGAAGA 22

## RESULT 870

US-09-750-401-17/c  
; Sequence 17, Application US/09750401  
; Patent No. 6635422  
; GENERAL INFORMATION:  
; APPLICANT: Keene, Jack D.  
; APPLICANT: Carson, Craig C.  
; APPLICANT: Tenenbaum, Scott A.  
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein complexes  
; FILE REFERENCE: RBN-001  
; CURRENT APPLICATION NUMBER: US/09/750,401  
; CURRENT FILING DATE: 2000-12-28  
; PRIOR APPLICATION NUMBER: US 60/173,338  
; PRIOR FILING DATE: 1999-12-28  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 17  
; LENGTH: 22  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin  
US-09-750-401-17

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAGAAACAAAA 4039  
Db 22 AAAAAATACAGAAATAAAAA 3

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RESULT 871
US-09-750-401-19/c
; Sequence 19, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-19

Query Match          0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAGAAAAACAAA 4039
      ||||| - - - - - |||||
Db      22 AAAAAATACAGAAATAAAA 3

RESULT 872
US-08-081-539-1/c
; Sequence 1, Application US/08081539
; Patent No. 5501962
; GENERAL INFORMATION:
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Human/Murine
; TITLE OF INVENTION: Chimeric Hybrid Polypeptides
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mary Jo Kanady, G. D. Searle & Co., Corporate
; ADDRESSEE: Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/081,539
; FILING DATE: 21-JUN-1993
; PRIORITY APPLICATION NUMBER: US 08/081,539
; ATTORNEY/AGENT INFORMATION:
; NAME: Kanady, Mary J.
; REGISTRATION NUMBER: 28623
; REFERENCE/DOCKET NUMBER: 2724
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-466-647-1

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3735 AGCTTTTAAAGATCACAA 3754
      ||||| - - - - - |||||
Db      21 AGCTTATTAAAGATCGCTA 2

RESULT 873
US-08-466-647-1/c
; Sequence 1, Application US/08466647
; Patent No. 5543141
; GENERAL INFORMATION:
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Human/Murine
; TITLE OF INVENTION: Chimeric Hybrid Polypeptides
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mary Jo Kanady, G. D. Searle & Co., Corporate
; ADDRESSEE: Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,647
; FILING DATE: 08-JUN-1995
; PRIORITY APPLICATION NUMBER: US 08/466,647
; ATTORNEY/AGENT INFORMATION:
; NAME: Kanady, Mary J.
; REGISTRATION NUMBER: 28623
; REFERENCE/DOCKET NUMBER: 2724
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-466-647-1

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3735 AGCTTTTAAAGATCACAA 3754
      ||||| - - - - - |||||
Db      21 AGCTTATTAAAGATCGCTA 2
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; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-081-539-1

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3735 AGCTTTTAAAGATCACAA 3754
      ||||| - - - - - |||||
Db      21 AGCTTATTAAAGATCGCTA 2

RESULT 873
US-08-466-647-1/c
; Sequence 1, Application US/08466647
; Patent No. 5543141
; GENERAL INFORMATION:
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Human/Murine
; TITLE OF INVENTION: Chimeric Hybrid Polypeptides
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mary Jo Kanady, G. D. Searle & Co., Corporate
; ADDRESSEE: Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,647
; FILING DATE: 08-JUN-1995
; PRIORITY APPLICATION NUMBER: US 08/466,647
; ATTORNEY/AGENT INFORMATION:
; NAME: Kanady, Mary J.
; REGISTRATION NUMBER: 28623
; REFERENCE/DOCKET NUMBER: 2724
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-466-647-1

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3735 AGCTTTTAAAGATCACAA 3754
      ||||| - - - - - |||||
Db      21 AGCTTATTAAAGATCGCTA 2
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## RESULT 874

US-08-411-795B-1/c  
; Sequence 1, Application US/08411795B  
; Patent No. 5604116  
; GENERAL INFORMATION:  
; APPLICANT: Abrams, Mark A.  
; APPLICANT: Bauer, S. C.  
; APPLICANT: Braford-Goldberg, Sarah R.  
; APPLICANT: Caparon, Mairé H.  
; APPLICANT: Easton, Alan M.  
; APPLICANT: Klein, Barbara K.  
; APPLICANT: McKearn, John P.  
; APPLICANT: Olin, Peter O.  
; APPLICANT: Paik, Kumnan  
; APPLICANT: Thomas, John W.  
; TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation  
; NUMBER OF SEQUENCES: 415  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
; STREET: P. O. Box 5110  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60680  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/411,795B  
; FILING DATE: 04-JUN-1995  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/981,044  
; FILING DATE: 24-NOV-1992  
; PRIOR APPLICATION DATA: PCT/US93/11197  
; FILING DATE: 22-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bennett, Dennis A.  
; REGISTRATION NUMBER: 34,547  
; REFERENCE/DOCKET NUMBER: C2713/2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (708)470-6501  
; TELEFAX: (708)470-6881  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (synthetic)  
US-08-411-795B-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

## QY 3735 AGCTTTTAAAGATCACAA 3754

Db 21 AGCTTATTAAAGATCGCTA 2

## RESULT 875

US-08-411-796-1/c  
; Sequence 1, Application US/08411796  
; Patent No. 5677149  
; GENERAL INFORMATION:  
; APPLICANT: Abrams, Mark A.

; APPLICANT: Bauer, S. C.  
; APPLICANT: Braford-Goldberg, Sarah R.  
; APPLICANT: Caparon, Mairé H.  
; APPLICANT: Easton, Alan M.  
; APPLICANT: Klein, Barbara K.  
; APPLICANT: McKearn, John P.  
; APPLICANT: Olin, Peter O.  
; APPLICANT: Paik, Kumnan  
; APPLICANT: Polazzi, Joseph O.  
; APPLICANT: Thomas, John W.  
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides  
; NUMBER OF SEQUENCES: 549  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
; STREET: P. O. Box 5110  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60680  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/411,796  
; FILING DATE:  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/981044  
; FILING DATE: 24-NOV-1992  
; PRIOR APPLICATION DATA: PCT/US93/11198  
; FILING DATE: 22-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bennett, Dennis A.  
; REGISTRATION NUMBER: 34,547  
; REFERENCE/DOCKET NUMBER: C2713/1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (708)470-6501  
; TELEFAX: (708)470-6881  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (synthetic)  
US-08-411-796-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

## QY 3735 AGCTTTTAAAGATCACAA 3754

Db 21 AGCTTATTAAAGATCGCTA 2

## RESULT 876

US-08-469-319A-1/c  
; Sequence 1, Application US/08469319A  
; Patent No. 5817486  
; GENERAL INFORMATION:  
; APPLICANT: Abrams, Mark A.

; APPLICANT: Bauer, S. C.  
; APPLICANT: Braford-Goldberg, Sarah R.  
; APPLICANT: Caparon, Mairé H.  
; APPLICANT: Easton, Alan M.  
; APPLICANT: Klein, Barbara K.  
; APPLICANT: McKearn, John P.  
; APPLICANT: Olin, Peter O.

```

; APPLICANT: Paik, Kumnan
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation
; TITLE OF INVENTION: Polypeptides
; NUMBER OF SEQUENCES: 415
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,319A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11197
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-469-319A-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3735 AGCTTTTAAAGATCACA 3754
DB 21 AGCTTATTAAAGATCGCTA 2

RESULT 877
US-08-378-617A-6
; Sequence 6, Application US/08378617A
; Patent No. 5849991
; GENERAL INFORMATION:
; APPLICANT: d'Apice, Anthony J.F.
; APPLICANT: Pearce, Martin J.
; APPLICANT: Robins, Allan J.
; APPLICANT: Crawford, Robert J.
; APPLICANT: Rathjen, Peter D.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR MANAGEMENT OF
; TITLE OF INVENTION: HYPERACUTE REJECTION IN HUMAN XENOTRANSPLANTATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 120 South Sixth Street, Suite 2500
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,617A
; FILING DATE: 26-JAN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ellinger, Mark S.
; REGISTRATION NUMBER: 34,812
; REFERENCE/DOCKET NUMBER: 06868/005001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 335-5070
; TELEFAX: (612) 288-9696
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-378-617A-6

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4459 TGGACTTTTTTTTTTTTTTTT 4478
DB 2 TTGAATTCCTTTTTTTTTTTT 21

RESULT 878
US-08-837-302-6/c
; Sequence 6, Application US/08837302
; Patent No. 5968741
; GENERAL INFORMATION:
; APPLICANT: Plevy, Scott E.
; APPLICANT: Targan, Stephan R.
; TITLE OF INVENTION: Methods of Diagnosing a Medically
; TITLE OF INVENTION: Resistant Clinical Subtype of Ulcerative Colitis
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,302
; FILING DATE: 11-APR-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-PW 2502
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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US-08-837-302-6

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5179 CTCTGCATGTTCTCCACTTG 5198  
||||| ||||| ||||| ||||| |||||  
Db 21 CTCTGCAGGTTCTCCCATG 2

RESULT 879

US-08-798-668-6/c  
; Sequence 6, Application US/08798668  
; Patent No. 6001569  
; GENERAL INFORMATION:  
; APPLICANT: PLEVY M.D., SCOTT E  
; APPLICANT: ROTTER M.D., JEROME I  
; APPLICANT: TARGAN M.D., STEPHAN R  
; APPLICANT: TOYODA Ph.D., HIROO  
; APPLICANT: YANG M.D., HUIYING  
; TITLE OF INVENTION: METHODS OF SCREENING FOR CROHN'S  
; TITLE OF INVENTION: DISEASE USING TNF MICROSATELLITE ALLELES  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PRETTY, SCHROEDER, BRUEGGEMANN & CLARK  
; STREET: 444 SOUTH FLOWER STREET, SUITE 2000  
; CITY: LOS ANGELES  
; STATE: CALIFORNIA  
; COUNTRY: USA  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/798,668  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/245,297  
; FILING DATE: 17-MAY-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: WHITEFORD, WENDY A  
; REGISTRATION NUMBER: 36,964  
; REFERENCE/DOCKET NUMBER: P07 32313  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-4442  
; TELEFAX: (213) 489-4210  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-798-668-6

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5179 CTCTGCATGTTCTCCACTTG 5198  
||||| ||||| ||||| ||||| |||||  
Db 21 CTCTGCAGGTTCTCCCATG 2

RESULT 880

US-08-471-039-1/c  
; Sequence 1, Application US/08471039  
; Patent No. 6017523  
; GENERAL INFORMATION:

; APPLICANT: Abrams, Mark A.  
; APPLICANT: Bauer, S. C.  
; APPLICANT: Braford-Goldberg, Sarah R.  
; APPLICANT: Caparon, Mairé H.  
; APPLICANT: Easton, Alan M. K.  
; APPLICANT: Klein, Barbara K.  
; APPLICANT: McKearn, John P.  
; APPLICANT: Olines, Peter O.  
; APPLICANT: Paik, Kumnan  
; APPLICANT: Polazzi, Joseph O.  
; APPLICANT: Thomas, John W.  
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides  
; NUMBER OF SEQUENCES: 549  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
; ADDRESSEE: Corporate Patent Dept.  
; STREET: P. O. Box 5110  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60680  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/471,039  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/981,044  
; FILING DATE: 24-NOV-1992  
; PRIOR APPLICATION DATA: PCT/US93/11198  
; APPLICATION NUMBER: PCT/US93/11198  
; FILING DATE: 22-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bennett, Dennis A.  
; REGISTRATION NUMBER: 34,547  
; REFERENCE/DOCKET NUMBER: C2713/5  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (708)470-6501  
; TELEFAX: (708)470-6881  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (synthetic)  
US-08-471-039-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3735 AGCTTTTAAAGATCACCA 3754  
||||| ||||| ||||| ||||| |||||  
Db 21 AGCTTATTAAAGATCGCTA 2

RESULT 881

US-08-855-825-6/c  
; Sequence 6, Application US/08855825  
; Patent No. 6183951  
; GENERAL INFORMATION:  
; APPLICANT: Plevy, Scott E.  
; Targan, Stephan R.  
; Taylor, Kent  
; Barry, Mary J.

TITLE OF INVENTION: Methods of Diagnosing Clinical Subtypes  
of Crohn's Disease with Characteristic Responsiveness to  
Anti-Th1 Cytokine Therapy

```
;
;
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/855,825
; FILING DATE: 12-May-1997
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-PM 2591
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
;
; US-08-855-825-6
;
; Query Match 0.2%; Score 15.2; DB 1; Length 23;
; Best Local Similarity 85.0%; Pred. No. 1.6e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 5179 CTCTGCATGTTCTCCACTTG 5198
; DB 21 CTCTGCAGTTTCTCCCATG 2
;
; RESULT 882
; US-09-395-345-24/c
; Sequence 24, Application US/09395345
; Patent No. 6376176
; GENERAL INFORMATION:
; APPLICANT: Taylor, Kent D.
; APPLICANT: Rotter, Jerome I.
; TITLE OF INVENTION: Methods of Using A Major Histocompatibility Complex
; TITLE OF INVENTION: Class III Haplotype To Diagnose Crohn's Disease
; FILE REFERENCE: P-CE 3639
; CURRENT APPLICATION NUMBER: US/09/395,345
; CURRENT FILING DATE: 1999-09-13
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-395-345-24
;
; Query Match 0.2%; Score 15.2; DB 1; Length 23;
; Best Local Similarity 85.0%; Pred. No. 1.6e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 5179 CTCTGCATGTTCTCCACTTG 5198
; DB 21 CTCTGCAGTTTCTCCCATG 2
;
; RESULT 883
; US-08-764-114-1/c
; Sequence 1, Application US/08764114
; Patent No. 6440407
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mairé H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olins, Peter O.
; APPLICANT: Paik, Kuman
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Methods of Ex-vivo Expansion of
; TITLE OF INVENTION: Hematopoietic Cells Using Interleukin-3 (IL-3) Multiple
; TITLE OF INVENTION: Mutation Polypeptides
; NUMBER OF SEQUENCES: 415
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/764,114
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION NUMBER: PCT/US93/11197
; FILING DATE: 22-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,795
; FILING DATE: 04-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708) 470-6501
; TELEFAX: (708) 470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-764-114-1
;
; Query Match 0.2%; Score 15.2; DB 1; Length 23;
; Best Local Similarity 85.0%; Pred. No. 1.6e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 3735 AGCTTTTAAAGATCACAA 3754
; DB 21 AGCTTTTAAAGATCGCTA 2
;
; RESULT 884
; US-09-091-952A-39/c
; Sequence 39, Application US/09091952A
; Patent No. 6458532
```

GENERAL INFORMATION:  
APPLICANT: Deterra-Wadleigh, Sevilla D.  
Gershon, Elliot S.  
Badner, Judith A.  
Goldin, Lynn R.  
Berrettini, Wade H.  
Yoshikawa, Takeo  
Sanders, Alan R.  
Esterling, Lisa E.  
TITLE OF INVENTION: Chromosomal Markers and Diagnostic Tests for Manic-Depressive Illness  
NUMBER OF SEQUENCES: 197  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: PASCSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/091,952A  
FILING DATE: 19-Apr-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,278  
FILING DATE: 28-OCT-1996  
APPLICATION NUMBER: PCT/US97/19381  
FILING DATE: 28-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Timothy L.  
REGISTRATION NUMBER: 35,367  
REFERENCE/DOCKET NUMBER: 015280-297100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1...23  
OTHER INFORMATION: D185996 forward primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 39:  
US-09-091-952A-39

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7108 GAAAAATGAATCTTCTTC 7127  
|||||  
Db 23 GAAAAATAAATGCTTTC 4

RESULT 885  
US-08-469-419-1/c  
; Sequence 1, Application US/08469419  
; Patent No. 6458931  
; GENERAL INFORMATION:  
; APPLICANT: Abrams, Mark A.  
; Bauer, S. C.  
; Bratford-Goldberg, Sarah R.  
; Caparon, Mair H.

Easton, Alan M.  
Klein, Barbara K.  
McKearn, John P.  
Olins, Peter O.  
Paik, Kuman  
Thomas, John W.  
TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation Polypeptides  
NUMBER OF SEQUENCES: 415  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
STREET: P. O. Box 5110  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60680  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,419  
FILING DATE: 06-Jun-1995  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/411,795  
FILING DATE: <Unknown>  
APPLICATION NUMBER: PCT/US93/11197  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Bennett, Dennis A.  
REGISTRATION NUMBER: 34,547  
REFERENCE/DOCKET NUMBER: C2713/2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (708) 470-6881  
TELEFAX: (708) 470-6501  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-08-469-419-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3735 AGCTTTTAAAGATCAAA 3754  
|||||  
Db 21 AGCTTATTAAGATCGCTA 2

RESULT 886  
US-08-559-390-1/c  
; Sequence 1, Application US/08559390  
; Patent No. 6479261  
; GENERAL INFORMATION:  
; APPLICANT: Abrams, Mark A.  
; APPLICANT: Bauer, S. C.  
; APPLICANT: Bratford-Goldberg, Sarah R.  
; APPLICANT: Caparon, Mair H.  
; APPLICANT: Easton, Alan M.  
; APPLICANT: Klein, Barbara K.  
; APPLICANT: McKearn, John P.  
; APPLICANT: Olins, Peter O.  
; APPLICANT: Paik, Kuman  
; APPLICANT: Polazzi, Joseph O.  
; APPLICANT: Thomas, John W.

```
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/559,390
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,796
; FILING DATE:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-559-390-1
;
; Query Match 0.2%; Score 15.2; DB 1; Length 23;
; Best Local Similarity 85.0%; Pred. No. 1.6e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 3735 AGCTTTTAAAGATCACAA 3754
| | | | | | | | | | | | | | | | |
Db 21 AGCTTATTAAAGATCGCTA 2

RESULT 887
US-09-419-406-6/C
; Sequence 6, Application US/09419406
; Patent No. 6534263
; GENERAL INFORMATION:
; APPLICANT: PLEVY, SCOTT E.
; APPLICANT: ROTTER, JEROME I.
; APPLICANT: TARGAN, STEPHAN R.
; APPLICANT: TOYODA, HIROO
; APPLICANT: YANG, HUIYING
; TITLE OF INVENTION: METHODS OF SCREENING FOR CROHN'S DISEASE
; TITLE OF INVENTION: USING TNF MICROSATELLITE ALLELES
; FILE REFERENCE: 2810010US02
; CURRENT APPLICATION NUMBER: US/09/419,406
; CURRENT FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 08/798,668
; PRIOR FILING DATE: 1997-02-11
; PRIOR APPLICATION NUMBER: 08/245,297
; PRIOR FILING DATE: 1994-05-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
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; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: (genomic)
US-09-419-406-6
;
; Query Match 0.2%; Score 15.2; DB 1; Length 23;
; Best Local Similarity 85.0%; Pred. No. 1.6e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 5179 CTCTGCATGTTCTCCACTTG 5198
| | | | | | | | | | | | | | | | |
Db 21 CTCTGCAGGTTCTCCCATG 2

RESULT 888
PCT-US93-11198-1/C
; Sequence 1, Application PC/TUS9311198
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mairé H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olins, Peter O.
; APPLICANT: Paik, Kuman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; PCT-US93-11198-1
;
; Query Match 0.2%; Score 15.2; DB 1; Length 23;
; Best Local Similarity 85.0%; Pred. No. 1.6e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,196A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/040,326
; FILING DATE: 30 March 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul E. Dupont
; REGISTRATION NUMBER: 27,438
; REFERENCE/DOCKET NUMBER: 2525
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)889-6338
; TELEFAX: (215)889-8800
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Nucleic Acid
; DESCRIPTION:
; ANTI-SENSE: no
; ORIGINAL SOURCE: synthesized
; US-08-452-196A-6

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 892
US-07-971-978-1
; Sequence 1, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; TITLE OF INVENTION: Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: No. 5614617ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 11
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 6-aza-thymidine substitution
; US-07-971-978-1

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15
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RESULT 893
US-08-756-728A-2/c
; Sequence 2, Application US/08756728A
; Patent No. 5821354
; GENERAL INFORMATION:
; APPLICANT: Leclerc, Guy
; APPLICANT: Martel, Remi
; TITLE OF INVENTION: RADIOLABELED DNA OLIGONUCLEOTIDE, METHOD
; TITLE OF INVENTION: OF PREPARATION AND THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/756,728A
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1398-1-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
; HYPOTHETICAL: NO
US-08-756-728A-2

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4478
Db 15 TTTT TTTT TTTT TTTT TTTT 1

RESULT 894
US-08-663-918-3
; Sequence 3, Application US/08663918
; Patent No. 5824793
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein, Karen Fearon, Sergei Gryaznov, Sarah McCurdy, Jeff
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide N3 (symbol 174 \f "S
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
US-08-663-918-3

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4478
Db 15 TTTT TTTT TTTT TTTT TTTT 1
```

```
OPERATING SYSTEM: Windows 3.1
SOFTWARE: Microsoft Word for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/663,918
FILING DATE:
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/603,566
FILING DATE: 21-FEB-96
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: LYNX-035/01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 670-9365
TELEFAX: (510) 670-9302
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-663-918-3

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 895
US-08-663-918-4/c
; Sequence 4, Application US/08663918
; Patent No. 5824793
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein, Karen Fearon, Sergei Gryaznov, Sarah McCurdy, Jeff
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide N3 (symbol 174 \f "S
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/663,918
; FILING DATE:
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/603,566
; FILING DATE: 21-FEB-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: LYNX-035/01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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US-08-663-918-4

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
DB 15 TTTT TTTT TTTT TTTT 1

RESULT 896  
US-08-292-620A-361  
; Sequence 361, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620A  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 361:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-292-620A-361

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 0.0%; Pred. No. 7.7e+02;  
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478

Db 1 UUUUUUUUUUUUUU 15

RESULT 897  
US-08-292-620A-362  
; Sequence 362, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620A  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 362:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-292-620A-362

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 0.0%; Pred. No. 7.7e+02;  
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
DB 1 UUUUUUUUUUUUUU 15

RESULT 898  
US-08-771-789-3  
; Sequence 3, Application US/08771789

two

two

```
; Patent No. 5859233
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein
; APPLICANT: Karen Fearon
; APPLICANT: Sergei Gryaznov
; APPLICANT: Sarah McCurdy
; APPLICANT: Jeffery Nelson
; APPLICANT: Ronald G. Schultz
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide
; N3 [symbol 174 \f "Symbol" \s 12]p5 Phosphoramidates
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevitz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/771,789
; FILING DATE: 20-DEC-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/663,918
; FILING DATE: 14-JUN-1996
; APPLICATION NUMBER: 08/603,566
; FILING DATE: 21-FEB-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevitz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: LYNX-035/01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-771-789-3

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 899
US-08-771-789-4/c
; Sequence 4, Application US/08771789
; Patent No. 5859233
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein
; APPLICANT: Karen Fearon
; APPLICANT: Sergei Gryaznov
; APPLICANT: Sarah McCurdy
; APPLICANT: Jeffery Nelson
; APPLICANT: Ronald G. Schultz
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide
; N3 [symbol 174 \f "Symbol" \s 12]p5 Phosphoramidates
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevitz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
```

```
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/771,789
; FILING DATE: 20-DEC-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/663,918
; FILING DATE: 14-JUN-1996
; APPLICATION NUMBER: 08/603,566
; FILING DATE: 21-FEB-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevitz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: LYNX-035/01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-771-789-4

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 15 TTTT TTTT TTTT TTTT 15

RESULT 900
US-08-358-556A-10
; Sequence 10, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; a Solid Support and Apparatus Permitting its
; Implementation
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
```

; REGISTRATION NUMBER: 31,409  
; REFERENCE/DOCKET NUMBER: 10577/P58418  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)638-6666  
; TELEFAX: (202) 393-5350  
; TELEX: RCA 248593 IDEA UR  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: N-terminal  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..15  
; US-08-358-556A-10

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 901  
US-08-358-556A-16/c  
; Sequence 16, Application US/08358556A  
; Patent No. 5869643  
; GENERAL INFORMATION:  
; APPLICANT: Chatelain, Francois  
; TITLE OF INVENTION: Process for Preparing Polynucleotides on  
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its  
; TITLE OF INVENTION: Implementation  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh St. N.W.  
; CITY: Washington D.C  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/358,556A  
; FILING DATE: 14-DEC-1994  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR 9315164  
; FILING DATE: 16-DEC-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Player, William B.  
; REGISTRATION NUMBER: 31,409  
; REFERENCE/DOCKET NUMBER: 10577/P58418  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)638-6666  
; TELEFAX: (202) 393-5350  
; TELEX: RCA 248593 IDEA UR  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: N-terminal  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..15  
; US-08-358-556A-16

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
Db 15 TTTT TTTT TTTT TTTT TTTT 1

RESULT 902  
US-08-922-170B-5  
; Sequence 5, Application US/08922170B  
; Patent No. 5968822  
; GENERAL INFORMATION:  
; APPLICANT: Iris Pecker, Israel Vlodavsky and Elena  
; APPLICANT: Feinstein  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE  
; TITLE OF INVENTION: HAVING HEPARANASE ACTIVITY AND EXPRESSION OF  
; TITLE OF INVENTION: SAME IN TRANSDUCED CELLS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein  
; STREET: 2940 Birchtree lane  
; CITY: Silver Spring  
; STATE: Maryland  
; COUNTRY: United States of America  
; ZIP: 20906  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
; COMPUTER: Twinhead\* Slimnote-890TX  
; OPERATING SYSTEM: MS DOS version 6.2,  
; OPERATING SYSTEM: Windows version 3.11  
; SOFTWARE: Word for Windows version 2.0 converted to  
; SOFTWARE: an ASCII file  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/922,170B  
; FILING DATE: 2 SEP 1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Friedmam, Mark M.  
; REGISTRATION NUMBER: 33,883  
; REFERENCE/DOCKET NUMBER: 910/1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 972-3-5625553  
; TELEFAX: 972-3-5625554  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-922-170B-5

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

```
RESULT 903
US-08-863-639A-5/c
; Sequence 5, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 904
US-08-863-639A-7/c
; Sequence 7, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-7

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT 4485
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 905
US-08-863-639A-9
; Sequence 9, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-9

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

## RESULT 906

US-08-693-831-1  
; Sequence 1, Application US/08693831  
; Patent No. 6017700  
; GENERAL INFORMATION:  
; APPLICANT: Horn, Thomas  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Balasubramanian, Tanjore N.  
; TITLE OF INVENTION: CATIONIC OLIGONUCLEOTIDES, AND RELATED METHODS OF  
; TITLE OF INVENTION: SYNTHESIS AND USE  
; FILE REFERENCE: 1117.002  
; CURRENT APPLICATION NUMBER: US/08/693,831  
; CURRENT FILING DATE: 1996-07-31  
; EARLIER APPLICATION NUMBER: US 08/693,831  
; EARLIER FILING DATE: 1996-07-31  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: Description of Artificial Sequence: poly-T  
US-08-693-831-1

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

## RESULT 907

US-08-832-021-62  
; Sequence 62, Application US/08832021  
; Patent No. 6045998  
; GENERAL INFORMATION:  
; APPLICANT: Combates, N.  
; APPLICANT: Pardini, J.  
; APPLICANT: Parimoo, S.  
; APPLICANT: Prouty, S.  
; APPLICANT: Stenn, K.  
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY  
; FILE REFERENCE: JBP-382  
; CURRENT APPLICATION NUMBER: US/08/832,021  
; CURRENT FILING DATE: 1997-04-02  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 62  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-08-832-021-62

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4472 TTTT TTTT TTTT TTTT GTC 4486  
Db 1 TTTT TTTT TTTT TTTT GTC 15

## RESULT 908

US-09-183-619-4  
; Sequence 4, Application US/09183619  
; Patent No. 6103474  
; GENERAL INFORMATION:  
; APPLICANT: DELLINGER, DOUGLAS J.  
; APPLICANT: DAHM, SUEANN C.  
; APPLICANT: ILSLEY, DIANE D.  
; APPLICANT: ACH, ROBERT A.  
; TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT  
; FILE REFERENCE: 10981619-1  
; CURRENT APPLICATION NUMBER: US/09/183,619  
; CURRENT FILING DATE: 1998-10-30  
; EARLIER APPLICATION NUMBER: 08/735,381  
; EARLIER FILING DATE: 1996-10-21  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 4  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Reporter probe  
US-09-183-619-4

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 0.0%; Pred. No. 7.7e+02;  
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 UUUUUUUUUUUUUUUU 15

## RESULT 909

US-09-071-845-361  
; Sequence 361, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845

;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA: US/08/292,620  
;; APPLICATION NUMBER: 08/008,895  
;; FILING DATE: August 17, 1994  
;; APPLICATION NUMBER: 08/008,895  
;; FILING DATE: January 19, 1993  
;; APPLICATION NUMBER: 07/989,849  
;; FILING DATE: December 7, 1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 208/149  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 361:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-071-845-361

Query Match 0.2%; Score 15; DB 1; Length 15;

Best Local Similarity 0.0%; Pred. No. 7.7e+02; 0; Indels 0; Gaps 0;  
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 1 UUUUUUUUUUUUUU 15

## RESULT 910

US-09-071-845-362  
; Sequence 362, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwigen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993

;; APPLICATION NUMBER: 07/989,849  
;; FILING DATE: December 7, 1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 208/149  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 362:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-071-845-362

Query Match 0.2%; Score 15; DB 1; Length 15;

Best Local Similarity 0.0%; Pred. No. 7.7e+02; 0; Indels 0; Gaps 0;  
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 1 UUUUUUUUUUUUUU 15

## RESULT 911

US-09-142-521-3  
; Sequence 3, Application US/09142521  
; Patent No. 6160102  
; GENERAL INFORMATION:  
; APPLICANT: GARBESI Anna Maria,  
; APPLICANT: BONAZZI Stefania,  
; APPLICANT: ZANELLA Stefania,  
; APPLICANT: CAPOBIANCO Massimo Luigi,  
; APPLICANT: GIANNINI Giuseppe,  
; APPLICANT: ARCAMONE Federico  
; TITLE OF INVENTION: OLIGONUCLEOTIDE-ANTHRACYCLINE  
; TITLE OF INVENTION: AND OLIGONUCLEOTIDE-ANTHRACYCLINONE CONJUGATES  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hedman, Gibson & Costigan  
; STREET: 1185 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10036-2601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk, 3.50 inch.  
; COMPUTER: IBM PC Compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/142,521  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FI96A000044  
; FILING DATE: 13-MAR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: James V. Costigan  
; REGISTRATION NUMBER: 25,669  
; REFERENCE/DOCKET NUMBER:  
; TELEPHONE: 212-302-8989  
; TELEFAX: 212-302-8998  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

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; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-09-142-521-3

Query Match      0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGA 4031
Db 1 GAGAAAAAGAGAGA 15

RESULT 912
US-09-142-521-5/c
; Sequence 5, Application US/09142521
; Patent No. 6160102
; GENERAL INFORMATION:
; APPLICANT: GARBESI Anna Maria,
; APPLICANT: BONAZZI Stefania,
; APPLICANT: ZANELLA Stefania,
; APPLICANT: CAPOBIANCO Massimo Luigi,
; APPLICANT: GIANNINI Giuseppe,
; APPLICANT: ARCAMONE Federico
; TITLE OF INVENTION: OLIGONUCLEOTIDE-ANTHRACYCLINE
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hedman, Gibson & Costigan
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk, 3.50 inch.
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,521
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FT96A000044
; FILING DATE: 13-MAR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: James V. Costigan
; REGISTRATION NUMBER: 25,669
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-302-8989
; TELEFAX: 212-302-8998
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; FEATURE:
; OTHER INFORMATION: Bases at positions 2, 4, 6, 13
; OTHER INFORMATION: and 15 are methylated
US-09-142-521-5

Query Match      0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGA 4031
Db 15 GAGAAAAAGAGAGA 1
```

```
RESULT 913
US-09-167-375-1/c
; Sequence 1, Application US/09167375B
; Patent No. 6291438
; GENERAL INFORMATION:
; APPLICANT: Jui H. Wang
; TITLE OF INVENTION: Antiviral anticancer poly-substituted phenyl derivatized oligonucleotides
; FILE REFERENCE: WNGJ 2002 (CIP-1)
; CURRENT APPLICATION NUMBER: US/09/167,375B
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 1
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Retroviral reverse transcriptase inhibitor
US-09-167-375-1

Query Match      0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTNTTTTTTTTTT 4478
Db 15 TTTTNTTTTTTTTTT 1

RESULT 914
US-08-150-156A-19
; Sequence 19, Application US/08150156A
; Patent No. 6357163
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN
; TITLE OF INVENTION: DIAGNOSTICS AND ANALYTICAL PROCEDURES
; NUMBER OF SEQUENCES: 40
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/150,156A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0986/91
; FILING DATE: 24-MAY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0987/91
; FILING DATE: 24-MAY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0510/92
; FILING DATE: 15-APR-1992
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PUBLICATION INFORMATION:
; DOCUMENT NUMBER: WO PCT/EP92/01220
; FILING DATE: 22-MAY-1992
US-08-150-156A-19

Query Match      0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
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Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT 15

## RESULT 915

US-08-150-156A-20/c  
; Sequence 20, Application US/08150156A  
; Patent No. 6357163  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN  
; DIAGNOSTICS AND ANALYTICAL PROCEDURES  
; NUMBER OF SEQUENCES: 40  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/150,156A  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DK 0986/91  
; FILING DATE: 24-MAY-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DK 0987/91  
; FILING DATE: 24-MAY-1991  
; APPLICATION DATA:  
; APPLICATION NUMBER: DK 0510/92  
; FILING DATE: 15-APR-1992  
; INFORMATION FOR SEQ ID NO: 20:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; PUBLICATION INFORMATION:  
; DOCUMENT NUMBER: WO PCT/EP92/01220  
; FILING DATE: 22-MAY-1992  
US-08-150-156A-20

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 15 TTTT TTTT TTTT TTTT 1

## RESULT 916

US-08-108-591B-17  
; Sequence 17, Application US/08108591B  
; Patent No. 6395474  
; GENERAL INFORMATION:  
; APPLICANT: Buchardt, Ole  
; APPLICANT: Egholm, Michael  
; APPLICANT: Nielsen, Peter Eigil  
; TITLE OF INVENTION: Peptide Nucleic Acids  
; FILE REFERENCE: ISIS0540  
; CURRENT APPLICATION NUMBER: US/08/108,591B  
; CURRENT FILING DATE: 2001-08-13  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 17  
; LENGTH: 15

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. 6395474el Sequence  
US-08-108-591B-17

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT 15

## RESULT 917

US-08-108-591B-18/c  
; Sequence 18, Application US/08108591B  
; Patent No. 6395474  
; GENERAL INFORMATION:  
; APPLICANT: Buchardt, Ole  
; APPLICANT: Egholm, Michael  
; APPLICANT: Nielsen, Peter Eigil  
; TITLE OF INVENTION: Peptide Nucleic Acids  
; FILE REFERENCE: ISIS0540  
; CURRENT APPLICATION NUMBER: US/08/108,591B  
; CURRENT FILING DATE: 2001-08-13  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 18  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. 6395474el Sequence  
US-08-108-591B-18

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 15 TTTT TTTT TTTT TTTT 1

## RESULT 918

US-09-619-103-21/c  
; Sequence 21, Application US/09619103  
; Patent No. 6429300  
; GENERAL INFORMATION:  
; APPLICANT: Kurz, Markus  
; APPLICANT: Lohse, Peter  
; APPLICANT: Wagner, Richard  
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
; FILE REFERENCE: 50036/031002  
; CURRENT APPLICATION NUMBER: US/09/619,103  
; CURRENT FILING DATE: 2000-07-19  
; PRIOR APPLICATION NUMBER: 60/145,834  
; PRIOR FILING DATE: 1999-07-27  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 21  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: designed sequence for nucleic acid purification  
US-09-619-103-21

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 15 TTTT TTTT TTTT TTTT TTTT 1

## RESULT 919

US-09-300-958A-68  
; Sequence 68, Application US/09300958A

; Patent No. 6495319

; GENERAL INFORMATION:

; APPLICANT: McClelland, Michael

; APPLICANT: Welsh, John

; APPLICANT: Trenkle, Thomas

; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of

; FILE REFERENCE: P-PH 3457

; CURRENT APPLICATION NUMBER: US/09/300,958A

; CURRENT FILING DATE: 1999-04-27

; PRIOR APPLICATION NUMBER: 60/083,331

; PRIOR FILING DATE: 1998-04-27

; PRIOR APPLICATION NUMBER: 60/098,070

; PRIOR FILING DATE: 1998-08-27

; PRIOR APPLICATION NUMBER: 60/118,624

; PRIOR FILING DATE: 1999-02-04

; NUMBER OF SEQ ID NOS: 85

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 68

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-300-958A-68

## Query Match

Best Local Similarity 0.2%; Score 15; DB 1; Length 15;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

## RESULT 920

US-08-988-024C-9

; Sequence 9, Application US/08988024C

; Patent No. 6635452

; GENERAL INFORMATION:

; APPLICANT: Monforte, Joseph A.

; APPLICANT: Becker, Christopher H.

; APPLICANT: Pollart, Daniel J.

; APPLICANT: Shaler, Thomas A.

; TITLE OF INVENTION: Releaseable No. 6635452volatile Mass-Label Molecules

; FILE REFERENCE: 24736-2057

; CURRENT APPLICATION NUMBER: US/08/988,024C

; CURRENT FILING DATE: 1997-12-10

; PRIOR APPLICATION NUMBER: US 60/033,037

; PRIOR FILING DATE: 1996-12-10

; PRIOR APPLICATION NUMBER: US 60/046,719

; PRIOR FILING DATE: 1997-05-16

; NUMBER OF SEQ ID NOS: 36

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 9

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide

US-08-988-024C-9

## Query Match

Best Local Similarity 0.2%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

## RESULT 921

US-09-435-739-5

; Sequence 5, Application US/09435739

; Patent No. 6664105

; GENERAL INFORMATION:

; APPLICANT: Pecker, Iris

; APPLICANT: Vlodayevsky, Israel

; APPLICANT: Feinstein, Elena

; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY

; FILE REFERENCE: 00/20454

; CURRENT APPLICATION NUMBER: US/09/435,739

; CURRENT FILING DATE: 2001-06-05

; NUMBER OF SEQ ID NOS: 47

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: synthetic oligonucleotide

US-09-435-739-5

## Query Match

Best Local Similarity 0.2%; Score 15; DB 1; Length 15;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

## RESULT 922

US-10-091-231-2

; Sequence 2, Application US/10091231

; Patent No. 6664388

; GENERAL INFORMATION:

; APPLICANT: NELSON, Jeffrey S.

; TITLE OF INVENTION: REAGENTS FOR OLIGONUCLEOTIDE CLEAVAGE AND DEPROTECTION

; FILE REFERENCE: 4688US

; CURRENT APPLICATION NUMBER: US/10/091,231

; CURRENT FILING DATE: 2002-03-04

; PRIOR APPLICATION NUMBER: US 60/274,309

; PRIOR FILING DATE: 2001-03-08

; NUMBER OF SEQ ID NOS: 6

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Unknown

; FEATURE:

; OTHER INFORMATION: Synthetic DNA

US-10-091-231-2

## Query Match

Best Local Similarity 0.2%; Score 15; DB 1; Length 15;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

## RESULT 923

US-09-930-218-5

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; Sequence 5, Application US/09930218
; Patent No. 6677137
; GENERAL INFORMATION:
; APPLICANT: goldshmidt, orit
; APPLICANT: pecker, iris
; APPLICANT: vlodavsky, israel
; APPLICANT: israel, michael
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H
; TITLE OF INVENTION: HEPARANASE ACTIVITY
; FILE REFERENCE: 01/22335
; CURRENT APPLICATION NUMBER: US/09/930,218
; CURRENT FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 09/666,390
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic polynucleotide
; US-09-930-218-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 924
PCT-US91-03680-15/c
; Sequence 15, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear

; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 2
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 4
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 6
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 15
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; PCT-US91-03680-15

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4017 GAGAAAAGAGAGAGA 4031
Db 15 GAGAAAAGAGAGAGA 1

RESULT 925
US-09-507-345A-3
; Sequence 3, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; APPLICANT: Lukhtanov, Eugeny A.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; TITLE OF INVENTION: Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
```

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by 6-aminohexanoic acid
; (-NH(CH2)-6COOH)"
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-507-345A-3

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 926
US-09-507-345A-4
; Sequence 4, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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;
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = one
; 4-amino-N-methylpyrrol-2-carboxylic acid residue"
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-507-345A-4

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 927
US-09-507-345A-5
; Sequence 5, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
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represented by X, where m = two  
4-amino-N-methylpyrrol-2-carboxylic acid residues"  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-507-345A-5

Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 928

US-09-507-345A-6

; Sequence 6, Application US/09507345A

; Patent No. 6428408

; GENERAL INFORMATION:

; APPLICANT: Kutyavlin, Igor V.

; Lukhtanov, Eugeny A.

; Gamper, Howard B.

; Meyer Jr., Rich B.

; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/507,345A

; FILING DATE: 18-Feb-2000

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/415,370

; FILING DATE: 03-APR-1995

; APPLICATION NUMBER: US 09/141,764

; FILING DATE: 27-AUG-1998

; ATTORNEY/AGENT INFORMATION:

; NAME: Kezer, William B.

; REGISTRATION NUMBER: 37,369

; REFERENCE/DOCKET NUMBER: 17682A-003500US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 576-0300

; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 16 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; FEATURE:

; NAME/KEY: modified\_base

; LOCATION: 16

; OTHER INFORMATION: /mod\_base= OTHER

/note= "N = thymidine modified by minor groove binder moiety

represented by X, where m = three

4-amino-N-methylpyrrol-2-carboxylic acid residues"

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-507-345A-6

Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 929

US-09-507-345A-7

; Sequence 7, Application US/09507345A

; Patent No. 6428408

; GENERAL INFORMATION:

; APPLICANT: Kutyavlin, Igor V.

; Lukhtanov, Eugeny A.

; Gamper, Howard B.

; Meyer Jr., Rich B.

; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/507,345A

; FILING DATE: 18-Feb-2000

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/415,370

; FILING DATE: 03-APR-1995

; APPLICATION NUMBER: US 09/141,764

; FILING DATE: 27-AUG-1998

; ATTORNEY/AGENT INFORMATION:

; NAME: Kezer, William B.

; REGISTRATION NUMBER: 37,369

; REFERENCE/DOCKET NUMBER: 17682A-003500US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 576-0300

; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 7:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 16 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; FEATURE:

; NAME/KEY: modified\_base

; LOCATION: 16

; OTHER INFORMATION: /mod\_base= OTHER

/note= "N = thymidine modified by minor groove binder moiety

represented by X, where m = four

4-amino-N-methylpyrrol-2-carboxylic acid residues"

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-507-345A-7

Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 15

## RESULT 930

US-09-507-345A-8  
; Sequence 8, Application US/09507345A  
; Patent No. 6426408  
; GENERAL INFORMATION:  
; APPLICANT: Kutyavin, Igor V.  
; Lukhtanov, Eugeny A.  
; Gamper, Howard B.  
; Meyer Jr., Rich B.  
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
; Groove Binder Conjugates  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/507,345A  
; FILING DATE: 18-Feb-2000  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/415,370  
; FILING DATE: 03-APR-1995  
; APPLICATION NUMBER: US 09/141,764  
; FILING DATE: 27-AUG-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kezer, William B.  
; REGISTRATION NUMBER: 37,369  
; REFERENCE/DOCKET NUMBER: 17682A-003500US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: 16  
; OTHER INFORMATION: /mod\_base= OTHER  
; /note= "N = thymidine modified by minor groove binder moiety  
; represented by X, where m = five  
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"  
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-09-507-345A-8

Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT 15

## RESULT 931

US-09-739-928-3  
; Sequence 3, Application US/09739928  
; Patent No. 6486308  
; GENERAL INFORMATION:  
; APPLICANT: Kutyavin, Igor V.  
; Lukhtanov, Eugeny A.

; Gamper, Howard B.  
; Meyer Jr., Rich B.  
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
; Groove Binder Conjugates  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/739,928  
; FILING DATE: 11-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/415,370  
; FILING DATE: 03-APR-1995  
; APPLICATION NUMBER: US 09/141,764  
; FILING DATE: 27-AUG-1998  
; APPLICATION NUMBER: US 09/507,345  
; FILING DATE: 18-FEB-2000  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kezer, William B.  
; REGISTRATION NUMBER: 37,369  
; REFERENCE/DOCKET NUMBER: 17682A-003510US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: 16  
; OTHER INFORMATION: /mod\_base= OTHER  
; /note= "N = thymidine modified by 6-aminohexanoic acid  
; (-NH(CH<sub>2</sub>)-2)-6COOH"  
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-09-739-928-3

Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT 15

## RESULT 932

US-09-739-928-4  
; Sequence 4, Application US/09739928  
; Patent No. 6486308  
; GENERAL INFORMATION:  
; APPLICANT: Kutyavin, Igor V.  
; Lukhtanov, Eugeny A.  
; Gamper, Howard B.  
; Meyer Jr., Rich B.  
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
; Groove Binder Conjugates  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000

ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:

NAME/KEY: modified\_base  
LOCATION: 16  
OTHER INFORMATION: /mod base= OTHER  
/note= "N = thymidine modified by minor groove binder moiety  
represented by X, where m = one  
4-amino-N-methylpyrrol-2-carboxylic acid residue"

SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-739-928-4

Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 933  
US-09-739-928-5  
Sequence 5, Application US/09739928  
Patent No. 6486308  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Gamber, Howard B.  
Meyer Jr., Rich B.

TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000

ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:

NAME/KEY: modified\_base  
LOCATION: 16  
OTHER INFORMATION: /mod base= OTHER  
/note= "N = thymidine modified by minor groove binder moiety  
represented by X, where m = one  
4-amino-N-methylpyrrol-2-carboxylic acid residue"

SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-739-928-4

Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 933  
US-09-739-928-5  
Sequence 5, Application US/09739928  
Patent No. 6486308  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Gamber, Howard B.  
Meyer Jr., Rich B.

TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>

ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000

ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:

NAME/KEY: modified\_base  
LOCATION: 16  
OTHER INFORMATION: /mod base= OTHER  
/note= "N = thymidine modified by minor groove binder moiety  
represented by X, where m = two  
4-amino-N-methylpyrrol-2-carboxylic acid residues"

SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-739-928-5

Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 934  
US-09-739-928-6  
Sequence 6, Application US/09739928  
Patent No. 6486308  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Gamber, Howard B.  
Meyer Jr., Rich B.

TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified base
; LOCATION: 16
; OTHER INFORMATION: /mod base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = four
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-739-928-7

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 936
US-09-739-928-8
; Sequence 8, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavvin, Igor V.
; Lukhtanov, Eugeny A.
; Gampor, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998

```



APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURES:  
NAME/KEY: modified\_base  
LOCATION: 16  
OTHER INFORMATION: /mod base= OTHER  
/notes "N = thymidine modified by minor groove binder moiety  
represented by X, where m = five  
4-amino-N-methylpyrrol-2-carboxylic acid residues"  
SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-09-739-928-8

Query Match 0.2% Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 937  
US-08-584-040-2547  
Sequence 2547, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2547:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2547

Query Match 0.2% Score 15; DB 1; Length 17;  
Best Local Similarity 13.3%; Pred. No. 9.9e+02;  
Matches 2; Conservative 13; Mismatches 0; Indels 0; Gaps 0;

Qy 4462 ACTTTT TTTT TTTT 4476  
Db 3 ACUUUUUUUUUUU 17

RESULT 938  
US-08-584-040-2552  
Sequence 2552, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2552:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-584-040-2552

Query Match 0.2%; Score 15; DB 1; Length 17;  
Best Local Similarity 0.0%; Pred. No. 9.9e+02;  
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 UUUUUUUUUUUUUU 15

RESULT 939

US-09-475-947A-118

; Sequence 118, Application US/09475947A

; Patent No. 6472154

; GENERAL INFORMATION:

; APPLICANT: Garner, Harold R.

; APPLICANT: Wren, Jonathan D.

; APPLICANT: Minna, John D.

; TITLE OF INVENTION: Polymorphic Repeats in Human Genes

; FILE REFERENCE: UTS0667

; CURRENT APPLICATION NUMBER: US/09/475,947A

; PRIOR FILING DATE: 1999-12-31

; NUMBER OF SEQ ID NOS: 346

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 118

; LENGTH: 17

; TYPE: DNA

; ORGANISM: human

US-09-475-947A-118

Query Match 0.2%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 940

US-09-300-958A-63

; Sequence 63, Application US/09300958A

; Patent No. 6495319

; GENERAL INFORMATION:

; APPLICANT: McClelland, Michael

; APPLICANT: Welsh, John

; APPLICANT: Trenkle, Thomas

; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of

; FILE REFERENCE: P-PH 3457

; CURRENT APPLICATION NUMBER: US/09/300,958A

; PRIOR FILING DATE: 1999-04-27

; PRIOR APPLICATION NUMBER: 60/083,331

; PRIOR FILING DATE: 1998-04-27

; PRIOR APPLICATION NUMBER: 60/098,070

; PRIOR FILING DATE: 1998-08-27

; PRIOR APPLICATION NUMBER: 60/118,624

; PRIOR FILING DATE: 1999-02-04

; NUMBER OF SEQ ID NOS: 85

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 63

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-300-958A-63

Query Match 0.2%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
Db 2 TTTT TTTT TTTT TTTT 16

RESULT 941

US-09-371-772B-1071

; Sequence 1071, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R

; FILE REFERENCE: MBHB00, 876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1071

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-1071

Query Match 0.2%; Score 15; DB 1; Length 17;  
Best Local Similarity 13.3%; Pred. No. 9.9e+02;  
Matches 2; Conservative 13; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTT TTTT TTTT TTTT 4476  
Db 3 ACUUUUUUUUUUUUUU 17

RESULT 942

US-09-371-772B-1076

; Sequence 1076, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R

; FILE REFERENCE: MBHB00, 876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1076

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-1076

Query Match 0.2%; Score 15; DB 1; Length 17;  
Best Local Similarity 0.0%; Pred. No. 9.9e+02;  
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478

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Db      1 UUUUUUUUUUUUU 15

RESULT 943
US-09-866-108A-1537/c
; Sequence 1537, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1537
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1537

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2474 TCCAGGGCACCAGCC 2488
        |||||
Db      16 TCCAGGGCACCAGCC 2

RESULT 945
US-09-866-108A-1539/c
; Sequence 1539, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1537
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1537

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2474 TCCAGGGCACCAGCC 2488
        |||||
Db      17 TCCAGGGCACCAGCC 3

RESULT 944
US-09-866-108A-1538/c
; Sequence 1538, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1539
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1539

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2474 TCCAGGGCCACCGCC 2498
Db   15 TCCAGGGCCACCGCC 1

RESULT 946
US-09-487-444-11
; Sequence 11, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-11

Query Match      0.2%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  7413 CAGCAGCAGCAGCAG 7427
Db   4 CAGCAGCAGCAGCAG 18

RESULT 947
US-09-437-076-1/c
; Sequence 1, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; CURRENT FILING DATE: 1999-11-09
; EARLIER FILING DATE:
; EARLIER FILING DATE:
; SOFTWARE: Word for Windows
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
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; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-1

Query Match      0.2%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  4464 TTTTNTTTTTTTTTTT 4478
Db   18 TTTTNTTTTTTTTTTT 4

RESULT 948
US-09-437-076-2
; Sequence 2, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; CURRENT FILING DATE: 1999-11-09
; EARLIER FILING DATE:
; EARLIER FILING DATE:
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Word for Windows
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-2

Query Match      0.2%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  4464 TTTTNTTTTTTTTTTT 4478
Db   4 TTTTNTTTTTTTTTTT 18

RESULT 949
US-09-349-035-2
; Sequence 2, Application US/09349035
; Patent No. 6414135
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip Dan
; APPLICANT: Wang, Tingmin
; APPLICANT: Manoharan, Muthiah
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Monomers and Related Compound
; FILE REFERENCE: Isis-3311
; CURRENT APPLICATION NUMBER: US/09/349,035
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: M=2'-O-methyl nucleotide; *=3'-methylenephosphonate linkage
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
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21P: 22209  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/715,461  
FILING DATE: 18-SEP-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: TERRY, David T.  
REGISTRATION NUMBER: 20,178

QY : 4470 TTTT TTTT TTTT TG 4484

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Db      1  TTTTCTTTTCTTTG 15

; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-389-956-87

Query Match      0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4647  GGAATTTCTCTTTG 4661
Db      6  GGAATTTCTCTTTG 20

RESULT 956
US-09-860-473-142
; Sequence 142, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-142

Query Match      0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3222  TGGGAGGAGGGAAGG 3236
Db      4  TGGGAGGAGGGAAGG 18

RESULT 954
US-09-844-634-57
; Sequence 57, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-57

Query Match      0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1765  GTCATCTGCCAGG 1779
Db      1  GTCATCTGCCAGG 15

RESULT 955
US-09-389-956-87
; Sequence 87, Application US/09389956
; Patent No. 6586579
; GENERAL INFORMATION:
; APPLICANT: Huang, Shi
; TITLE OF INVENTION: PR-Domain Containing Nucleic Acids, Polypeptides,
; TITLE OF INVENTION: Antibodies and Methods
; FILE REFERENCE: P-LJ 3611
; CURRENT APPLICATION NUMBER: US/09/389,956
; CURRENT FILING DATE: 1999-09-03
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; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-389-956-87

Query Match      0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4647  GGAATTTCTCTTTG 4661
Db      6  GGAATTTCTCTTTG 20

RESULT 956
US-09-860-473-142
; Sequence 142, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-142

Query Match      0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      30  GAGCTGCTGCAGGCT 44
Db      6  GAGCTGCTGCAGGCT 20

RESULT 957
US-09-422-978-9155/c
; Sequence 9155, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9155
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-22646 for SEQ 1290, in comple
```

US-09-422-978-9155

Query Match 0.2%; Score 15; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5151 GGGAGGGGAGTTCTC 5165  
|||||  
Db 21 GGGAGGGGAGTTCTC 7

RESULT 958

US-07-918-318-19  
Sequence 19, Application US/07918318  
Patent No. 5453372

GENERAL INFORMATION:  
APPLICANT: VETTER, Roman  
APPLICANT: MUECKE, Ingo  
APPLICANT: WILKE, Detlef  
APPLICANT: AMORY, Antoine  
APPLICANT: AEHLE, Wolfgang  
APPLICANT: SOBEK, Harald  
APPLICANT: SCHOMBURG, Dietmar  
APPLICANT: CLIPPE, Andre  
TITLE OF INVENTION: STABILIZED ENZYMES AND PROCESS FOR  
TITLE OF INVENTION: PREPARING THEM  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 1800 Diagonal Road, Suite 500  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22313-0299

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/918,318  
FILING DATE: 19920727  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: EVANS, J. D.  
REGISTRATION NUMBER: 26,269  
REFERENCE/DOCKET NUMBER: 16877/296 KACH  
TELEPHONE: (703)836-9300  
TELEFAX: (703)683-4109  
TELEX: 899149

INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-07-918-318-19

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.7e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAGAGAGAAA 4034  
|||||  
Db 1 AAAGTGAGACCATGGAGAGAAA 23

RESULT 959

US-08-242-402-6/c  
Sequence 6, Application US/08242402  
Patent No. 5580967

GENERAL INFORMATION:  
APPLICANT: JOYCE, GERALD F  
TITLE OF INVENTION: OPTIMIZED CATALYTIC DNA-CLEAVING  
TITLE OF INVENTION: RIBOZYMES  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE, OFFICE OF  
ADDRESSEE: PATENT COUNSEL  
STREET: 10666 NORTH TORREY PINES ROAD, TPC 8  
CITY: LA JOLLA  
STATE: CA  
COUNTRY: USA  
ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/242,402  
FILING DATE: 13-MAY-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LOGAN, APRIL C  
REGISTRATION NUMBER: 33,950  
REFERENCE/DOCKET NUMBER: TSRI 412.0  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312

INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-242-402-6

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.7e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 6683 TATTTTATTTATATATGGGCC 6705  
|||||  
Db 23 TTTATTTATTTATATGGGCC 1

RESULT 960

US-08-270-180-17/c  
Sequence 17, Application US/08270180  
Patent No. 5595873

GENERAL INFORMATION:  
APPLICANT: Joyce, Gerald F.  
TITLE OF INVENTION: ENZYMAIC RNA MOLECULES THAT CLEAVE  
TITLE OF INVENTION: AMIDE BONDS  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
ADDRESSEE: Patent Counsel  
STREET: 10666 No. 5595873th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: USA  
ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/270,180  
FILING DATE: 01-JUL-1994  
CLASSIFICATION: 435

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/242,402
; FILING DATE: 13-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Logan, April C.
; REGISTRATION NUMBER: 33,950
; REFERENCE/DOCKET NUMBER: TSRI 412.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-270-180-17

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6683 TATTTTATTTATATATGCGGCC 6705
      ||||||||| |||||
DB 23 TTTATTATTATTAGAGGCC 1

RESULT 961
US-08-295-643-22/c
; Sequence 22, Application US/08295643
; Patent No. 5859219
; GENERAL INFORMATION:
; APPLICANT: COVER, TIMOTHY L.
; APPLICANT: BLASER, MARTIN J.
; TITLE OF INVENTION: PURIFIED VACUOLATING TOXIN FROM
; TITLE OF INVENTION: HELICOBACTER PYLORI AND METHODS TO USE SAME
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/295,643
; FILING DATE: 26-AUG-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 2200.025
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-295-643-22

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

```



STREET: 10666 No. 6063566th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: USA  
ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA: US/08/682,423  
APPLICATION NUMBER: US/08/682,423  
FILING DATE: 17-JUL-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/242,402

FILING DATE: 13-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/270,180

FILING DATE: 01-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Logan, April C.

REGISTRATION NUMBER: 33,950

REFERENCE/DOCKET NUMBER: TSRI 412.2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-554-2937

TELEFAX: 619-554-6312

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA (genomic)

US-08-682-423-29

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.7e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 6683 TATTTTATTTATATATGCGGCC 6705

Db 23 TTTTATTTATTTATTTAGAGGCC 1

## RESULT 964

US-09-359-756-2

Sequence 2, Application US/09359756

Patent No. 6168950

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: William Gaarde

APPLICANT: Donna T. Ward

APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: ANTISENSE MODULATION OF MEK1 EXPRESSION

FILE REFERENCE: RTS-0077

CURRENT APPLICATION NUMBER: US/09/359,756

CURRENT FILING DATE: 1999-07-23

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 2

LENGTH: 23

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR Primer

US-09-359-756-2

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.7e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4878 GCAACTCACAACGTTAGCACAA 4900

Db 1 GCAACTCCTTGCAATCCGTTCC 23

Db 1 GAAACTCTCAAAGGTTGCACAA 23

## RESULT 965

US-09-230-704-3

Sequence 3, Application US/09230704

Patent No. 6251638

GENERAL INFORMATION:

APPLICANT: Lichtenstein, Anatoly V.

APPLICANT: Umansky, Samuil R.

APPLICANT: Melkonyan, Hovsep S.

TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCES IN URINE

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAR BIOTECHNOLOGY INC.

STREET: 1401 Marina Way South

CITY: Richmond

STATE: CA

COUNTRY: USA

ZIP: 94804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/230,704

FILING DATE: 04-Feb-2000

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Wilke, Kathryn P.

REGISTRATION NUMBER: 37,472

REFERENCE/DOCKET NUMBER: 23647-20022.40

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 412-9100

TELEFAX: (510) 412-9109

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-09-230-704-3

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.7e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5692 CCACCTGTTTGCCTTCCTTTCC 5714

Db 1 CCATTCCTTGCAATCCGTTCC 23

## RESULT 966

US-09-609-162-3

Sequence 3, Application US/09609162

Patent No. 6287820

GENERAL INFORMATION:

APPLICANT: Umansky, Samuil R.

APPLICANT: Lichtenstein, Anatoly V.

APPLICANT: Melkonyan, Hovsep S.

APPLICANT: Diagen Corporation

TITLE OF INVENTION: Methods for Detection of Nucleic Acid Sequences in Urine

FILE REFERENCE: 020811-000110US

CURRENT APPLICATION NUMBER: US/09/609,162

CURRENT FILING DATE: 2000-07-03

PRIOR APPLICATION NUMBER: US 60/048,170

PRIOR FILING DATE: 1997-05-30

PRIOR APPLICATION NUMBER: US 60/048,381

PRIOR FILING DATE: 1997-06-03

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.7e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

```
; PRIOR APPLICATION NUMBER: WO PCT/US98/10965
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 09/230,704
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Y21 primer for
; OTHER INFORMATION: amplification of human Y-chromosome specific DY21
; OTHER INFORMATION: repeat fragment
US-09-609-162-3

Query Match          0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5692 CCACTGTTTGGCTTCCTTTTCC 5714
      ||||| ||||| ||||| |||||
Db 1 CCATTCCTTTGCATTCGGTTTC 23

RESULT 967
US-09-634-732-3
; Sequence 3, Application US/09634732
; Patent No. 6492144
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuil R.
; APPLICANT: Lichtenstein, Anatoly V.
; APPLICANT: Melkonyan, Hovsep S.
; APPLICANT: Diagen Corporation
; TITLE OF INVENTION: Methods for Detection of Nucleic Acid Sequences in
; TITLE OF INVENTION: Urine
; FILE REFERENCE: 020811-000111US
; CURRENT APPLICATION NUMBER: US/09/634,732
; CURRENT FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 09/609,162
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: US 60/048,170
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,381
; PRIOR FILING DATE: 1997-06-03
; PRIOR APPLICATION NUMBER: WO PCT/US98/10965
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 09/230,704
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Y21 primer for
; OTHER INFORMATION: amplification of human Y-chromosome specific DY21
; OTHER INFORMATION: repeat fragment
US-09-634-732-3

Query Match          0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5692 CCACTGTTTGGCTTCCTTTTCC 5714
      ||||| ||||| ||||| |||||
Db 1 CCATTCCTTTGCATTCGGTTTC 23

RESULT 968
US-09-597-771-23/c
; Sequence 23, Application US/09597771
; Patent No. 6531086
; GENERAL INFORMATION:
; APPLICANT: Behan, Dominic P.
; APPLICANT: Chalmers, Derek T.
; APPLICANT: Liaw, Chen W.
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; Patent No. 653182
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-Wei
; APPLICANT: Lu, Dongen Lilly
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYPUISINE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING PROGRAMMED CELL
; TITLE OF INVENTION: DEATH IN PLANTS
; FILE REFERENCE: 10799/9
; CURRENT APPLICATION NUMBER: US/09/597,771
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-597-771-23

Query Match          0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3912 CATTTTTCACCTCTCGCTTCTTT 3934
      ||||| ||||| ||||| |||||
Db 23 CTTTCTCTCTCTAGGATTCCTTT 1

RESULT 969
US-09-180-245-67
; Sequence 67, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; APPLICANT: Carithers, Stephen L
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; CURRENT FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-67

Query Match          0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTGGG 3221
      ||||| ||||| ||||| |||||
Db 1 AATGAGGGGCTGGAATAGTGAG 23

RESULT 970
US-09-364-425B-33/c
; Sequence 33, Application US/09364425B
; Patent No. 6653086
; GENERAL INFORMATION:
; APPLICANT: Behan, Dominic P.
; APPLICANT: Chalmers, Derek T.
; APPLICANT: Liaw, Chen W.
```

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05141
; FILING DATE: 26-APR-1995
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: US 08/242,402
; FILING DATE: 13-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/270,180
; FILING DATE: 01-JUL-1994
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-05141-17

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. NO. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6683 TATTTTATTATATATGGGCC 6705
Db 23 TTTATTTATTTATTTAGAGGCC 1

RESULT 973
PCT-US95-05141-29/c
; Sequence 29, Application PC/TUS9505141
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: NOVEL ENZYMATIC RNA MOLECULES
; NUMBER OF SEQUENCES: 29
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05141
; FILING DATE: 26-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/242,402
; FILING DATE: 13-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/270,180
; FILING DATE: 01-JUL-1994
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
PCT-US95-05141-29

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. NO. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6683 TATTTTATTATATATGGGCC 6705
Db 23 TTTATTTATTTATTTAGAGGCC 1

RESULT 974
US-09-475-947A-134/c
; Sequence 134, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:

```

```
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 24
; TYPE: DNA
; ORGANISM: human
; US-09-475-947A-134

Query Match      0.2%; Score 15; DB 1; Length 24;
Best Local Similarity 78.3%; Pred. No. 1.8e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAAA 4039
Db 24 GAAAAAAGAAAAAAGAAAAA 2

RESULT 975
US-09-356-806-82
; Sequence 82, Application US/09356806
; Patent No. 6586175
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; TITLE OF INVENTION: 2B15 (UGT2B15) Genes
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/09/356,806
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 82
; LENGTH: 24
; TYPE: DNA
; ORGANISM: H. sapiens
; US-09-356-806-82

Query Match      0.2%; Score 15; DB 1; Length 24;
Best Local Similarity 78.3%; Pred. No. 1.8e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4023 AAAGAGAGAAAAACAAATGTTAT 4045
Db 1 AAAAAAAGAAAAAATCTTTT 23

RESULT 976
US-08-621-914A-2/c
; Sequence 2, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
; US-08-621-914A-2

Query Match      0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 2.1e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAAA 4039
Db 26 GAAAAAAGAAAAAAGAAAAA 4

RESULT 977
US-08-873-437-2/c
; Sequence 2, Application US/08873437
; Patent No. 6124092
; GENERAL INFORMATION:
; APPLICANT: O'Neill, Roger A.
; APPLICANT: Chen, Jer-Kang
; APPLICANT: Chiesa, Claudia
; APPLICANT: Fry, George
; TITLE OF INVENTION: Multiplex Polynucleotide Capture
; TITLE OF INVENTION: Methods and Compositions
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PE Applied Biosystems
; STREET: 850 Lincoln Centre Drive
; CITY: Foster City
; STATE: CA
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/873,437
; FILING DATE: 12-JUN-1997
; PRIOR APPLICATION DATA: 60/027,832
; APPLICATION NUMBER: 60/027,832
; FILING DATE: 04-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bortner, Scott R.
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: 4294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-638-6245
; TELEFAX: 415-638-6071
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
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LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-873-437-2

Query Match 0.2%; Score 15; DB 1; Length 26;  
Best Local Similarity 78.3%; Pred. No. 2.1e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAAA 4039  
||| ||||| ||| ||||| |||||  
DB 26 GAAAAAAGAAAAAAGAAAAA 4

## RESULT 978

US-09-522-217-39/c  
Sequence 39, Application US/09522217  
Patent No. 6307024  
GENERAL INFORMATION:  
APPLICANT: No. 6307024ak, Julia E.  
APPLICANT: Presnell, Scott R.  
APPLICANT: Sprecher, Cindy A.  
APPLICANT: Foster, Donald C.  
APPLICANT: Holly, Richard D.  
APPLICANT: Gross, Jane A.  
APPLICANT: Johnston, Janet V.  
APPLICANT: Nelson, Andrew J.  
APPLICANT: Dillon, Stacey R.  
APPLICANT: Hammond, Angela K.  
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
FILE REFERENCE: 99-16  
CURRENT APPLICATION NUMBER: US/09/522,217  
EARLIER FILING DATE: 2000-03-09  
EARLIER APPLICATION NUMBER: US 60/123,547  
EARLIER FILING DATE: 1999-03-09  
EARLIER APPLICATION NUMBER: US 60/123,904  
EARLIER FILING DATE: 1999-03-11  
EARLIER APPLICATION NUMBER: US 60/142,013  
EARLIER FILING DATE: 1999-07-01  
NUMBER OF SEQ ID NOS: 115  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 39  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC7764b  
US-09-522-217-39

Query Match 0.2%; Score 15; DB 1; Length 26;  
Best Local Similarity 78.3%; Pred. No. 2.1e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAAA 4039  
||| ||||| ||| ||||| |||||  
DB 26 GAAAAAAGAAAAAAGAAAAA 4

## RESULT 979

US-09-593-312-2/c  
Sequence 2, Application US/09593312  
Patent No. 6514699  
GENERAL INFORMATION:  
APPLICANT: O'Neill, Roger A.  
APPLICANT: Chen, Jer-Kang  
APPLICANT: Chiesa, Claudia  
APPLICANT: Fry, George  
TITLE OF INVENTION: Multiplex Polynucleotide Capture  
TITLE OF INVENTION: Methods and Compositions  
NUMBER OF SEQUENCES: 50  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PE Applied Biosystems

STREET: 850 Lincoln Centre Drive  
CITY: Foster City  
STATE: CA  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/593,312  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/873,437  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Bortner, Scott R.  
REGISTRATION NUMBER: 34,298  
REFERENCE/DOCKET NUMBER: 4294  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-638-6245  
TELEFAX: 415-638-6071  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-593-312-2

Query Match 0.2%; Score 15; DB 1; Length 26;  
Best Local Similarity 78.3%; Pred. No. 2.1e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAAA 4039  
||| ||||| ||| ||||| |||||  
DB 26 GAAAAAAGAAAAAAGAAAAA 4

## RESULT 980

US-09-923-246-39/c  
Sequence 39, Application US/09923246  
Patent No. 6605272  
GENERAL INFORMATION:  
APPLICANT: No. 6605272ak, Julia E.  
APPLICANT: Presnell, Scott R.  
APPLICANT: Sprecher, Cindy A.  
APPLICANT: Foster, Donald C.  
APPLICANT: Holly, Richard D.  
APPLICANT: Gross, Jane A.  
APPLICANT: Johnston, Janet V.  
APPLICANT: Nelson, Andrew J.  
APPLICANT: Dillon, Stacey R.  
APPLICANT: Hammond, Angela K.  
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
FILE REFERENCE: 99-16  
CURRENT APPLICATION NUMBER: US/09/923,246  
CURRENT FILING DATE: 2001-08-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217  
PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01  
NUMBER OF SEQ ID NOS: 115  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 39  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC7764b



TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 80:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..18  
US-08-152-313-80

Query Match 0.2%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7309 TTGAGATTGTGTTGTG 7326  
Db 1 TTGAGGTGTGTTGTG 18

RESULT 985  
US-08-330-000-1  
Sequence 1, Application US/08330000  
Patent No. 5686242  
GENERAL INFORMATION:  
APPLICANT: Bruice, Thomas W.  
APPLICANT: Lima, Walter F.  
TITLE OF INVENTION: DETERMINATION OF OLIGONUCLEOTIDES  
FOR THERAPEUTICS, DIAGNOSTICS AND RESEARCH REAGENTS  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and  
ADDRESSEE: No. 5686242ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM: disk  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/330,000  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 755,485  
FILING DATE: September 5, 1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/07489  
FILING DATE: September 4, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Ralph, Rebecca Lynne  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1723  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-330-000-1

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4460 GGACTTTTGTGTTGTTT 4477  
Db 1 GGATGTTTGTGTTTGTGTTT 18

RESULT 986  
US-08-579-223-80  
Sequence 80, Application US/08579223  
Patent No. 5726019  
GENERAL INFORMATION:  
APPLICANT: Sidransky, David  
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
TITLE OF INVENTION: ANALYSIS OF SPUTUM  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/579,223  
FILING DATE: 28-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/152,313  
FILING DATE: 12-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Wetherell, Jr., Ph.D., John R.,  
REGISTRATION NUMBER: 31,678  
REFERENCE/DOCKET NUMBER: PD-2912  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 80:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..18  
US-08-579-223-80

Query Match 0.2%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7309 TTGAGATTGTGTTGTG 7326  
Db 1 TTGAGGTGTGTTGTGTTG 18

RESULT 987  
US-08-487-046-5/c  
Sequence 5, Application US/08487046  
Patent No. 5753489  
GENERAL INFORMATION:  
APPLICANT: Kistner, Otfried  
APPLICANT: Barrett, No. 57534891  
APPLICANT: Mundt, Wolfgang  
APPLICANT: Dorner, Friedrich





```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-483-522-5

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAAGAGA 4029
||||| ||||| ||||| |||||
Db 18 AAAAGAGAAAAAAGAGA 1

RESULT 990
US-08-483-522-6
; Sequence 6, Application US/08483522
; Patent No. 5758341
; GENERAL INFORMATION:
; APPLICANT: Kistner, Otfried
; APPLICANT: Barrett, No. 57563411
; APPLICANT: Mundt, Wolfgang
; APPLICANT: Dörner, Friedrich
; TITLE OF INVENTION: METHOD FOR INCREASING THE INFECTIVITY OF
; VIRUSES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,522
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,761
; FILING DATE: 10-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/199/IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-483-522-6

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAAGAGA 4029
||||| ||||| ||||| |||||
Db 1 AAAAGAGAAAAAAGAGA 18

RESULT 991
US-09-213-768-17

; Sequence 17, Application US/09213768
; Patent No. 5985664
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION
; FILE REFERENCE: RTS-0026
; CURRENT APPLICATION NUMBER: US/09/213,768
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-768-17

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 328 CTGCGCAATTACTTTGAG 345
||||| ||||| ||||| |||||
Db 1 CTGTCCAATGACTTTGAG 18

RESULT 992
US-09-106-038A-24
; Sequence 24, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlebad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-24

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7410 CATCAGCAGCAGCAGCAG 7427
||||| ||||| ||||| |||||
```

```
Db      1  CACCAGCGCAGCAGCAG 18

RESULT 993
US-08-965-908-1
; Sequence 1, Application US/08965908
; Patent No. 6022691
; GENERAL INFORMATION:
; APPLICANT: Bruice, Thomas W.
; APPLICANT: Lima, Walter F.
; TITLE OF INVENTION: DETERMINATION OF OLIGONUCLEOTIDES
; TITLE OF INVENTION: FOR THERAPEUTICS, DIAGNOSTICS AND RESEARCH REAGENTS
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: No. 6022691ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/965,908
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/330,000
; FILING DATE:
; APPLICATION NUMBER: 755,485
; FILING DATE: September 5, 1991
; PRIOR APPLICATION DATA: PCT/US92/07489
; APPLICATION NUMBER: PCT/US92/07489
; FILING DATE: September 4, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Ralph, Rebecca Lynne
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1723
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-965-908-1

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4460 GGACTTTTTTTTTTTTTT 4477
      1  GGATGTTTTTTTTTTTTT 18
Db

RESULT 994
US-09-344-579-35
; Sequence 35, Application US/09344579
; Patent No. 6054316
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION
; FILE REFERENCE: RTS-0063
; CURRENT APPLICATION NUMBER: US/09/344,579

; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-579-35

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7231 ATCCCTCTCCAGTCCAGC 7248
      1  ATCCGTCTCCAGTCCAGC 18
Db

RESULT 995
US-09-199-859-46/c
; Sequence 46, Application US/09199859
; Patent No. 6069008
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0025
; CURRENT APPLICATION NUMBER: US/09/199,859
; CURRENT FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-199-859-46

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2124 TGAAGACTTGCTCTACAT 2141
      18  TGAAGACTTCTCTCCAT 1
Db

RESULT 996
US-08-679-645-1169/c
; Sequence 1169, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-199-859-46

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2124 TGAAGACTTGCTCTACAT 2141
      18  TGAAGACTTCTCTCCAT 1
Db
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; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1169:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-1169

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 65 GCTGCGGGGGCGGGCGG 82
Db 18 GCTGCTGCGGGCGGGCG 1

RESULT 997
US-08-275-951-32
; Sequence 32, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kiely, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
; OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
; US-08-275-951-32

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAAAACAAAA 4039
Db 1 TTTTGTTCCTTTTCTTT 18

RESULT 998
US-08-275-951-32/c
; Sequence 32, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kiely, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
; OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
; US-08-275-951-32

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTTCCTTTTCTTTT 4481
Db 1 TTTTGTTCCTTTTCTTT 18
```

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Db      18 AAAAGAAAAAACAAA 1
||||| | |||||
Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 999
US-08-275-951-33
; Sequence 33, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kiely, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISI1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence
; NAME/KEY: misc feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
; OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
US-08-275-951-33

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTCTTTTCTTTTCTTTT 4481
||||| ||||| |||||
Db      1 TTTTCTTTTCTTTTCTTTT 18

RESULT 1000
US-08-475-947A-340
; Sequence 340, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 340

Db      18 AAAAGAAAAAACAAA 1
||||| | |||||
Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 1001
US-09-280-030-28/c
; Sequence 28, Application US/09280030A
; Patent No. 6506595
; GENERAL INFORMATION:
; APPLICANT: Sato, Seiji
; APPLICANT: Higashikuni, Naohiko
; APPLICANT: Kudo, Toshiyuki
; APPLICANT: Kondo, Masaaki
; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
; TITLE OF INVENTION: DNAs
; FILE REFERENCE: 382.1026
; CURRENT APPLICATION NUMBER: US/09/280,030A
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: JP10-87339/1998
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated is
; OTHER INFORMATION: a reverse primer for PCR amplification of
; OTHER INFORMATION: MWPeP-MWPeP5 DNA
US-09-280-030-28

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGCA 7432
||||| ||||| |||||
Db      18 GCAGCAGCAGCAGCAGCA 1

RESULT 1002
US-09-422-978-6054/c
; Sequence 6054, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6054
; LENGTH: 18
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; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-8638 for SEQ 2120,  
US-09-422-978-6054

Query Match 0.2%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5704 CTTCCCTTTCTCTCTC 5721  
||||| |||||  
Db 18 CTTCCCTTTCTCTCTC 1

RESULT 1003  
US-09-422-978-11203/c  
; Sequence 11203, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 11203  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: downstream amplification primer 99-3385 for SEQ 3338, in compleme  
US-09-422-978-11203

Query Match 0.2%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2341 CACACCCGCTTTCTGT 2358  
||||| |||||  
Db 18 CACACCCGCTTTCTGT 1

RESULT 1004  
US-09-856-747-46/c  
; Sequence 46, Application US/09856747  
; Patent No. 6656688  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowart  
; APPLICANT: ISIS PHARMACEUTICALS, INC.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION  
; FILE REFERENCE: RTSP-0116  
; CURRENT APPLICATION NUMBER: US/09/856,747  
; CURRENT FILING DATE: 2001-05-24  
; PRIOR APPLICATION NUMBER: US 09/199,859  
; PRIOR FILING DATE: 1998-11-25  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 46  
; LENGTH: 18

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-856-747-46

Query Match 0.2%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2124 TGAAGACTTCTCTACAT 2141  
||||| |||||  
Db 18 TGAAGACTTCTCTCCAT 1

RESULT 1005  
PCT-US94-12947A-80  
; Sequence 80, Application PC/TUS9412947A  
; GENERAL INFORMATION:  
; APPLICANT: The Johns Hopkins University School of Medicine  
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
; TITLE OF INVENTION: ANALYSIS OF SPUTUM  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/12947A  
; FILING DATE: 10-NOV-1994  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Halle, Ph.D., Lisa A.  
; REGISTRATION NUMBER: P-38,347  
; REFERENCE/DOCKET NUMBER: FD-2912  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 455-5100  
; TELEFAX: (619) 455-5110  
; INFORMATION FOR SEQ ID NO: 80:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..18  
PCT-US94-12947A-80

Query Match 0.2%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7309 TTGAGATTGTGTGTGTG 7326  
||||| |||||  
Db 1 TTGAGGTGTGTGTGTG 18

RESULT 1006  
US-08-167-113-8/c  
; Sequence 8, Application US/08167113  
; Patent No. 5776672  
; GENERAL INFORMATION:  
; APPLICANT: HASHIMOTO, Koji

APPLICANT: ITO, Keiko  
APPLICANT: ISHIMORI, Yoshio  
APPLICANT: GOTOH, Masanori  
TITLE OF INVENTION: GENE DETECTION METHOD  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT  
STREET: 1755 S. JEFFERSON DAVIS HWY, SUITE 400  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/167,113  
FILING DATE: 16-DEC-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/766,064  
FILING DATE: 27-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 2-259011  
FILING DATE: 28-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 3-90879  
FILING DATE: 22-APR-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 3-191868  
FILING DATE: 31-JUL-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NORMAN F  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 39-3751-0 FWC CIP  
TELEPHONE: 703-413-3000  
TELEFAX: 703-413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-167-113-8

Query Match 0.2%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 CACTGTACAGCACTGCC 527  
| | | | | | | | | | | | | | | | | | | | |  
Db 19 CCCTGTACAGCACTGCC 2

RESULT 1007  
US-08-886-161-8/c  
Sequence 8, Application US/08886161  
Patent No. 5972692  
GENERAL INFORMATION:  
APPLICANT: HASHIMOTO, Koji  
APPLICANT: ITO, Keiko  
APPLICANT: ISHIMORI, Yoshio  
APPLICANT: GOTOH, Masanori  
TITLE OF INVENTION: GENE DETECTION METHOD  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT  
STREET: 1755 S. JEFFERSON DAVIS HWY, SUITE 400

CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/886,161  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/167,113  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 2-259011  
FILING DATE: 28-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 3-90879  
FILING DATE: 22-APR-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 3-191868  
FILING DATE: 31-JUL-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NORMAN F  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 39-3751-0 FWC CIP  
TELEPHONE: 703-413-3000  
TELEFAX: 703-413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-886-161-8

Query Match 0.2%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 CACTGTACAGCACTGCC 527  
| | | | | | | | | | | | | | | | | | | | |  
Db 19 CCCTGTACAGCACTGCC 2

RESULT 1008  
US-08-899-029-1  
Sequence 1, Application US/08899029  
Patent No. 6143531  
GENERAL INFORMATION:  
APPLICANT: HUSE, WILLIAM D.  
TITLE OF INVENTION: IMPROVED METHOD OF DOUBLE  
STRANDED DNA SYNTHESIS  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds, LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York,  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/899,029  
FILING DATE: 22-JUL-1997  
CLASSIFICATION:  
PRIOR APPLICATION NUMBER: 08/116,049  
FILING DATE: 02-SEP-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Abrams, Samuel B  
REGISTRATION NUMBER: 30,605  
REFERENCE/DOCKET NUMBER: 8142-125-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
US-08-899-029-1

Query Match 0.2%; Score 14.8; DB 1; Length 19;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGGACTTTTTCCTTTT 4476

Db 2 TCGAGTTTTTTTTTTT 19

RESULT 1009

US-09-422-978-5817  
Sequence 5817, Application US/09422978  
Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Blumenfeld, Daniel  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CP1  
CURRENT APPLICATION NUMBER: US/09/422,978  
EARLIER FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 5817  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19\_bind  
OTHER INFORMATION: upstream amplification primer 99-7104 for SEQ 1883,  
US-09-422-978-5817

Query Match 0.2%; Score 14.8; DB 1; Length 19;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5702 GCCTTCCTTTTCCTTC 5719

Db 1 GCCTTCCTTTTCCTTC 18

RESULT 1010

US-08-502-185-27  
Sequence 27, Application US/08502185  
Patent No. 5639736

GENERAL INFORMATION:  
APPLICANT: Robinson, Gregory S.  
TITLE OF INVENTION: Human VEGF-Specific  
TITLE OF INVENTION: Oligonucleotides  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lappin & Kusmer  
STREET: 200 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE:  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/502,185  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Kerner, Ann-Louise  
REGISTRATION NUMBER: 33,523  
REFERENCE/DOCKET NUMBER: HYZ-031CPDV1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-330-1300  
TELEFAX: 617-330-1311  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-502-185-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGCCACCTG 5938

Db 2 CCCAAGATGCCACCTG 19

RESULT 1011

US-08-502-185-34  
Sequence 34, Application US/08502185  
Patent No. 5639736

GENERAL INFORMATION:

APPLICANT: Robinson, Gregory S.  
TITLE OF INVENTION: Human VEGF-Specific  
TITLE OF INVENTION: Oligonucleotides  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lappin & Kusmer  
STREET: 200 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE:

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/502,185  
FILING DATE:  
CLASSIFICATION: 514

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Keirner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-502-185-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2402 CTGGGACCACTGAGGACA 2419
Db 2 CTGGGACCACTGAGGACA 19

RESULT 1012
US-08-502-185-37
; Sequence 37, Application US/08502185
; Patent No. 5639736
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/502,185
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Keirner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-502-185-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 5921 CCCAGAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1013
US-08-398-945-27
; Sequence 27, Application US/08398945
; Patent No. 5639872
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CIP
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/398,945
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Keirner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-398-945-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1014
US-08-398-945-34
; Sequence 34, Application US/08398945
; Patent No. 5639872
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CIP
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
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; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/398,945
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-398-945-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2402 CTGGGACCACAGTGGACA 2419
Db 2 CTGGGACCACAGTGGACA 19

RESULT 1015
US-08-398-945-37
; Sequence 37, Application US/08398945
; Patent No. 5639872
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/398,945
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
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```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-398-945-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1016
US-08-371-121-19/c
; Sequence 19, Application US/08371121
; Patent No. 5652123
; GENERAL INFORMATION:
; APPLICANT: CAPUT, Daniel
; APPLICANT: FERRARA, Pascual
; APPLICANT: GUILLEMOT, Jean-Claude
; APPLICANT: LEPLATOIS, Pascal
; APPLICANT: MINTY, Adrian
; APPLICANT: KAGHAD, Mourad
; APPLICANT: LABIT-LE BOUTEILLER, Christine
; APPLICANT: MAGAZIN, Marilyn
; TITLE OF INVENTION: Protein having a cytokine type
; TITLE OF INVENTION: activity, recombinant DNA coding for this protein,
; TITLE OF INVENTION: transformed cells and microorganisms.
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington, D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/371,121
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/938,161
; FILING DATE: 30-NOV-1992
; PRIOR APPLICATION DATA: PCT/FR92/00280
; APPLICATION NUMBER: 27-MAR-1992
; FILING DATE: 27-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 00137
; FILING DATE: 08-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 03904
; FILING DATE: 29-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Saxe, Bernhard D.
; REGISTRATION NUMBER: 28,665
; REFERENCE/DOCKET NUMBER: 16781/383
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; TELETYPE: 904136
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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;  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
US-08-371-121-19

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4460 GGACTTTTTCCTTTTTCCTG 4477

Db 18 GGCCCTTTTTCCTTTTTCCTG 1

RESULT 1017  
US-08-501-779-27  
; Sequence 27, Application US/08501779  
; Patent No. 5661135  
; GENERAL INFORMATION:  
; APPLICANT: Robinson, Gregory S.  
; TITLE OF INVENTION: Human VEGF-Specific  
; TITLE OF INVENTION: Oligonucleotides  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lappin & Kusmer  
; STREET: 200 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE:  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/501,779  
; FILING DATE:  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kerner, Ann-Louise  
; REGISTRATION NUMBER: 33,523  
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-330-1300  
; TELEFAX: 617-330-1311  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-501-779-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGTCACCTG 5938

Db 2 CCCAAGATGCCACCTG 19

RESULT 1018  
US-08-501-779-34  
; Sequence 34, Application US/08501779  
; Patent No. 5661135  
; GENERAL INFORMATION:  
; APPLICANT: Robinson, Gregory S.  
; TITLE OF INVENTION: Human VEGF-Specific

;  
; TITLE OF INVENTION: Oligonucleotides  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lappin & Kusmer  
; STREET: 200 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE:  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/501,779  
; FILING DATE:  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kerner, Ann-Louise  
; REGISTRATION NUMBER: 33,523  
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-330-1300  
; TELEFAX: 617-330-1311  
; INFORMATION FOR SEQ ID NO: 34:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-501-779-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2402 CTGGGACCACTGAGGACA 2419

Db 2 CTGGGACCACTGAGGACA 19

RESULT 1019  
US-08-501-779-37  
; Sequence 37, Application US/08501779  
; Patent No. 5661135  
; GENERAL INFORMATION:  
; APPLICANT: Robinson, Gregory S.  
; TITLE OF INVENTION: Human VEGF-Specific  
; TITLE OF INVENTION: Oligonucleotides  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lappin & Kusmer  
; STREET: 200 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE:  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/501,779  
; FILING DATE:  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kerner, Ann-Louise  
; REGISTRATION NUMBER: 33,523

REFERENCE/DOCKET NUMBER: HYZ-031CPDV2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-330-1300  
TELEFAX: 617-330-1311  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-501-779-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGTCACCTG 5938  
|||||  
DB 2 CCCAAGATGCCACCTG 19

RESULT 1020  
US-08-501-713-27  
Sequence 27, Application US/08501713  
Patent No. 5710136  
GENERAL INFORMATION:  
APPLICANT: Robinson, Gregory S.  
APPLICANT: Smith, Lois E.H.  
TITLE OF INVENTION: Inhibition of  
TITLE OF INVENTION: Neovascularization Using  
TITLE OF INVENTION: VEGF-Specific  
TITLE OF INVENTION: Oligonucleotides  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lappin & Kusmer  
STREET: 200 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE:  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/501,713  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kerner, Ann-Louise  
REGISTRATION NUMBER: 33,523  
REFERENCE/DOCKET NUMBER: HYZ-031DPV2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-330-1300  
TELEFAX: 617-330-1311  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-501-713-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGTCACCTG 5938  
|||||  
DB 2 CCCAAGATGCCACCTG 19

RESULT 1021  
US-08-501-713-34  
Sequence 34, Application US/08501713  
Patent No. 5710136  
GENERAL INFORMATION:  
APPLICANT: Robinson, Gregory S.  
APPLICANT: Smith, Lois E.H.  
TITLE OF INVENTION: Inhibition of  
TITLE OF INVENTION: Neovascularization Using  
TITLE OF INVENTION: VEGF-Specific  
TITLE OF INVENTION: Oligonucleotides  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lappin & Kusmer  
STREET: 200 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE:  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/501,713  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kerner, Ann-Louise  
REGISTRATION NUMBER: 33,523  
REFERENCE/DOCKET NUMBER: HYZ-031DPV2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-330-1300  
TELEFAX: 617-330-1311  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-501-713-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2402 CTGGGACCACAGTGAGCA 2419  
|||||  
DB 2 CTGGGACCACAGTGAGCA 19

RESULT 1022  
US-08-501-713-37  
Sequence 37, Application US/08501713  
Patent No. 5710136  
GENERAL INFORMATION:  
APPLICANT: Robinson, Gregory S.  
APPLICANT: Smith, Lois E.H.  
TITLE OF INVENTION: Inhibition of  
TITLE OF INVENTION: Neovascularization Using  
TITLE OF INVENTION: VEGF-Specific  
TITLE OF INVENTION: Oligonucleotides  
NUMBER OF SEQUENCES: 53

```
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,713
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031DV2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-501-713-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCACAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1023
US-08-378-860-27
; Sequence 27, Application US/08378860
; Patent No. 5731294
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,860
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-378-860-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCACAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1024
US-08-378-860-34
; Sequence 34, Application US/08378860
; Patent No. 5731294
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,860
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-378-860-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCACAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1025
US-08-378-860-34
; Sequence 34, Application US/08378860
; Patent No. 5731294
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,860
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
```

```
;
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-378-860-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCACAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1024
US-08-378-860-34
; Sequence 34, Application US/08378860
; Patent No. 5731294
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,860
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-378-860-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCACAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1025
US-08-378-860-34
; Sequence 34, Application US/08378860
; Patent No. 5731294
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,860
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
```

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2402 CTGGACACAGTGAC 2419  
|||||||  
Db 2 CTGGACACAGTGAGCA 19

## RESULT 1025

US-08-378-860-37  
; Sequence 37, Application US/08378860  
; Patent No. 5731294

## ; GENERAL INFORMATION:

; APPLICANT: Robinson, Gregory S.

; APPLICANT: Smith, Lois E.H.

; TITLE OF INVENTION: Inhibition of

; TITLE OF INVENTION: Neovascularization Using

; TITLE OF INVENTION: VEGF-Specific

; TITLE OF INVENTION: Oligonucleotides

; NUMBER OF SEQUENCES: 53

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lappin & Kusmer

; STREET: 200 State Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE:

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/378,860

; FILING DATE:

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Kerner, Ann-Louise

; REGISTRATION NUMBER: 33,523

; REFERENCE/DOCKET NUMBER: HYZ-031

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 617-330-1300

; TELEFAX: 617-330-1311

; INFORMATION FOR SEQ ID NO: 37:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cdna

; HYPOTHETICAL: NO

; ANTI-SENSE: YES

US-08-378-860-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGCCACCTG 5938  
|||||||  
Db 2 CCCAAGATGCCACCTG 19

## RESULT 1026

US-08-501-626-27

; Sequence 27, Application US/08501626

; Patent No. 5801156

; GENERAL INFORMATION:

; APPLICANT: Robinson, Gregory S.

; APPLICANT: Smith, Lois E.H.

; TITLE OF INVENTION: Inhibition of

; TITLE OF INVENTION: Neovascularization Using

; TITLE OF INVENTION: VEGF-Specific

; TITLE OF INVENTION: Oligonucleotides

; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lappin & Kusmer  
; STREET: 200 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE:  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/501,626  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kerner, Ann-Louise  
; REGISTRATION NUMBER: 33,523  
; REFERENCE/DOCKET NUMBER: HYZ-031DVA  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-330-1300  
; TELEFAX: 617-330-1311  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-501-626-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGCCACCTG 5938  
|||||||  
Db 2 CCCAAGATGCCACCTG 19

RESULT 1027  
US-08-501-626-34  
; Sequence 34, Application US/08501626  
; Patent No. 5801156  
; GENERAL INFORMATION:  
; APPLICANT: Robinson, Gregory S.  
; APPLICANT: Smith, Lois E.H.  
; TITLE OF INVENTION: Inhibition of  
; TITLE OF INVENTION: Neovascularization Using  
; TITLE OF INVENTION: VEGF-Specific  
; TITLE OF INVENTION: Oligonucleotides  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lappin & Kusmer  
; STREET: 200 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE:  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/501,626  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:

NAME: Kerner, Ann-Louise  
 REGISTRATION NUMBER: 33,523  
 REFERENCE/DOCKET NUMBER: HY2-031DV4  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-330-1300  
 TELEFAX: 617-330-1311  
 INFORMATION FOR SEQ ID NO: 34:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 US-08-501-626-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
 Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2402 CTGGGACCACTGAGCA 2419  
 Db 2 CTGGGACCACTGAGCA 19

RESULT 1028  
 US-08-501-626-37  
 Sequence 37, Application US/08501626  
 Patent No. 5801156  
 GENERAL INFORMATION:  
 APPLICANT: Robinson, Gregory S.  
 APPLICANT: Smith, Lois E.H.  
 TITLE OF INVENTION: Inhibition of  
 TITLE OF INVENTION: Neovascularization Using  
 TITLE OF INVENTION: VEGF-Specific  
 TITLE OF INVENTION: Oligonucleotides  
 NUMBER OF SEQUENCES: 53  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lappin & Kusmer  
 STREET: 200 State Street  
 CITY: Boston  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02109  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE:  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/501,626  
 FILING DATE:  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kerner, Ann-Louise  
 REGISTRATION NUMBER: 33,523  
 REFERENCE/DOCKET NUMBER: HY2-031DV4  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-330-1300  
 TELEFAX: 617-330-1311  
 INFORMATION FOR SEQ ID NO: 37:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 US-08-501-626-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 5921 CCCAGAGATGCCACCTG 5938  
 Db 2 CCCAAGATGCCACCTG 19

RESULT 1029  
 US-08-501-356-27  
 Sequence 27, Application US/08501356  
 Patent No. 5814620  
 GENERAL INFORMATION:  
 APPLICANT: Robinson, Gregory S.  
 APPLICANT: Smith, Lois E.H.  
 TITLE OF INVENTION: Inhibition of  
 TITLE OF INVENTION: Neovascularization Using  
 TITLE OF INVENTION: VEGF-Specific  
 TITLE OF INVENTION: Oligonucleotides  
 NUMBER OF SEQUENCES: 53  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lappin & Kusmer  
 STREET: 200 State Street  
 CITY: Boston  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02109  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE:  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/501,356  
 FILING DATE:  
 CLASSIFICATION: 514  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kerner, Ann-Louise  
 REGISTRATION NUMBER: 33,523  
 REFERENCE/DOCKET NUMBER: HY2-031DV3  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-330-1300  
 TELEFAX: 617-330-1311  
 INFORMATION FOR SEQ ID NO: 27:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 US-08-501-356-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
 Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGCCACCTG 5938  
 Db 2 CCCAAGATGCCACCTG 19

RESULT 1030  
 US-08-501-356-34  
 Sequence 34, Application US/08501356  
 Patent No. 5814620  
 GENERAL INFORMATION:  
 APPLICANT: Robinson, Gregory S.  
 APPLICANT: Smith, Lois E.H.  
 TITLE OF INVENTION: Inhibition of  
 TITLE OF INVENTION: Neovascularization Using  
 TITLE OF INVENTION: VEGF-Specific

;; TITLE OF INVENTION: Oligonucleotides  
;; NUMBER OF SEQUENCES: 53  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lappin & Kusner  
;; STREET: 200 State Street  
;; CITY: Boston  
;; STATE: Massachusetts  
;; COUNTRY: USA  
;; ZIP: 02109  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE:  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/501,356  
;; FILING DATE:  
;; CLASSIFICATION: 514  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Kerner, Ann-Louise  
;; REGISTRATION NUMBER: 33,523  
;; REFERENCE/DOCKET NUMBER: HVZ-031DV3  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-330-1300  
;; TELEFAX: 617-330-1311  
;; INFORMATION FOR SEQ ID NO: 34:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: YES  
;; US-08-501-356-34  
;  
Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
;  
QY 2402 CTGGGACCACAGTGGA 2419  
Db 2 CTGGGACCACAGTGGA 19  
;  
RESULT 1031  
US-08-501-356-37  
;; Sequence 37, Application US/08501356  
;; Patent No. 5814620  
;; GENERAL INFORMATION:  
;; APPLICANT: Robinson, Gregory S.  
;; APPLICANT: Smith, Lois E.H.  
;; TITLE OF INVENTION: Inhibition of  
;; TITLE OF INVENTION: Neovascularization Using  
;; TITLE OF INVENTION: VEGF-Specific  
;; TITLE OF INVENTION: Oligonucleotides  
;; NUMBER OF SEQUENCES: 53  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lappin & Kusner  
;; STREET: 200 State Street  
;; CITY: Boston  
;; STATE: Massachusetts  
;; COUNTRY: USA  
;; ZIP: 02109  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE:  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/501,356  
;; FILING DATE:  
;; CLASSIFICATION: 514

;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Kerner, Ann-Louise  
;; REGISTRATION NUMBER: 33,523  
;; REFERENCE/DOCKET NUMBER: HVZ-031DV3  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-330-1300  
;; TELEFAX: 617-330-1311  
;; INFORMATION FOR SEQ ID NO: 37:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: YES  
;; US-08-501-356-37  
;  
Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
;  
QY 5921 CCCAGAGATGTCACCTG 5938  
Db 2 CCCAAGATGCCACCTG 19  
;  
RESULT 1032  
US-08-227-180B-46/c  
;; Sequence 46, Application US/08227180B  
;; Patent No. 5866698  
;; GENERAL INFORMATION:  
;; APPLICANT: Ecker et al.  
;; TITLE OF INVENTION: Modulation of Gene Expression  
;; TITLE OF INVENTION: Through Interference with RNA Secondary Structure  
;; NUMBER OF SEQUENCES: 51  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Jane Massey Licata, Esq.  
;; STREET: 210 Lake Drive East, Suite 201  
;; CITY: Cherry Hill  
;; STATE: NJ  
;; COUNTRY: USA  
;; ZIP: 08002  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
;; COMPUTER: IBM 486  
;; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
;; SOFTWARE: WORDPERFECT 5.1  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/227,180B  
;; FILING DATE: April 13, 1994  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 07/518,929  
;; FILING DATE: May 4, 1990  
;; APPLICATION NUMBER: PCT/US91/02588  
;; FILING DATE: April 15, 1991  
;; APPLICATION NUMBER: 07/801,168  
;; FILING DATE: No. 5866698ember 20, 1991  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Jane Massey Licata  
;; REGISTRATION NUMBER: 32,257  
;; REFERENCE/DOCKET NUMBER: ISIS-1420  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (215) 568-3100  
;; TELEFAX: (215) 568-3439  
;; INFORMATION FOR SEQ ID NO: 46:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; ANTI-SENSE: YES

US-08-227-180B-46

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels

Qy 1178 ATCTGCCCTGCCTACAAG 1195  
Db 19 ATCTGGCCCTCCTACAAG 2

**RESULT 1033**

US-08-692-787-62/c  
; Sequence 62, Application US/08692787  
; Patent No. 5882864

; APPLICANT: An, Gang  
; APPLICANT: O'Hara, S. Mark  
; APPLICANT: Ralph, David  
; APPLICANT: Veltri, Robert

APPLICANT:	VEICIL:	ROBELL
TITLE OF INVENTION:		BIOMARKERS AND TARGETS FOR DIAGNOSIS,
TITLE OF INVENTION:		PROGNOSIS AND MANAGEMENT OF PROSTATE
TITLE OF INVENTION:		DISEASE

TYPE OF INVENTION:   
NUMBER OF SEQUENCES:; NUMBER OF SEQUENCES: 0  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: United States of America

ZIP: 77210

; COMPUTER READABLE FORM:

```

;
; MEDIUM TYPE: Floppy disk

```

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;
COMPUTER: IBM PC compatible

```

```
; OPERATING SYSTEM: PC-DOS/MS-DOS
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```

; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; ATTENDING ADDICTION DATA:

```

```
; CURRENT APPLICATION DATA:
```

APPLICATION NUMBER: US/00

FILING DATE: Concurrently Herewith  
CLASSIFICATION: 514

CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:

ATTORNEY/AGENT INFORMATION:  
NAME: Cordar Timothy S

NAME: COOPER, TIMOTHY S.  
REGISTRATION NUMBER: 384

REGISTRATION NUMBER: 38,414  
REFERENCE/DOCKET NUMBER: 179

REFERENCE/DOCREF NUMBER: UROC:012  
TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000

TELEPHONE: (512) 418-3000  
TELEFAX: (512) 474-7577

; INFORMATION FOR SEQ ID NO: 62:

; SEQUENCE CHARACTERISTICS:

```

;
; LENGTH: 20 base pairs

```

```

;
; TYPE: nucleic acid
;

```

```

; STRANDEDNESS: single

```

; TOPOLOGY: linear

US-08-692-787-62

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels

Qy 3414 CTTATTCTCTCTGTCCA 3431  
| | | | | | | | | |  
pb 19 CATATTCTCTTTGTCCA 2

RESULT 1034

US-08-837-201C-97/c  
; Sequence 97, Application US/08837201C  
: Patent No. 5985558

; FILE# NO. 3983338  
: GENERAL INFORMATION:

APPLICANT: Nicholas M. Dean; Dean; Robert

APPLICANT: Miraglia; Brenda F. Baker

	TITLE OF INVENTION:	Antisense Oligonucleotide
	TITLE OF INVENTION:	Compositions and Methods for the Modulation of



NAME: Kohn, Kenneth I.  
REGISTRATION NUMBER: 30,955  
REFERENCE/DOCKET NUMBER: 0227.00004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (248) 539-5050  
TELEFAX: (248) 539-5055  
INFORMATION FOR SEQ ID NO: 158:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
ANTI-SENSE: YES  
US-08-904-901-158

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTTTT 4480  
DB 3 CGTTTTTTTTCTTTTT 20

RESULT 1036  
US-07-391-20/c  
Sequence 20, Application US/07927391  
Patent No. 6001649  
GENERAL INFORMATION:  
APPLICANT: CAPUT, Daniel  
APPLICANT: FERRARA, Pascual  
APPLICANT: MILLOUX, Brigitte  
APPLICANT: MINTY, Adrian  
APPLICANT: VITA, Natalio  
TITLE OF INVENTION: Protein having a cytokin type  
TITLE OF INVENTION: activity, and recombinant DNA, expression vector and hosts  
TITLE OF INVENTION: for its preparation.  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY & LARDNER  
STREET: King Street Station, Suite 500, 1800 Diagonal  
STREET: Road, PO Box 299  
CITY: ALEXANDRIA  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22313-0299

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/927,391  
FILING DATE: 19920929  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: SAXE, Bernhard D.  
REGISTRATION NUMBER: 28,665  
REFERENCE/DOCKET NUMBER: 16781/369  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-9300  
TELEFAX: (703) 683-4109  
TELEX: 899149

INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-07-927-391-20

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 4460 GGACTTTTTTTTTTTTTT 4477  
DB 18 GGCCCTTTTTTTTTTTTTT 1

RESULT 1037  
US-08-940-250-24/c  
Sequence 24, Application US/08940250  
Patent No. 6001991  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, Muthiah Manoharan  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
TITLE OF INVENTION: of MDR P-Glycoprotein Gene Expression  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/940,250  
FILING DATE: Herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/731,199  
FILING DATE: 10/4/96  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0217  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-940-250-24

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1103 AGAGTGGCAGACTGTGG 1120  
DB 19 AGAGTGGCAGACGGTGG 2

RESULT 1038  
US-08-858-876A-6/c  
Sequence 6, Application US/08858876A  
Patent No. 6022856  
GENERAL INFORMATION:  
APPLICANT: Daniel CAPUT  
APPLICANT: Pascale CHALON  
APPLICANT: Pascual FERRARA  
APPLICANT: Vita NATALIO  
TITLE OF INVENTION: Type 2 Neurotensin Receptor  
TITLE OF INVENTION: (hNT-R2)

```
;
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC
; STREET: 400 Seventh Street
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; FILING DATE: 19-SEP-1997
; APPLICATION NUMBER: US/08/858,876A
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR 9723204
; FILING DATE: 17-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,049
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-858-876A-6

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4460 GGACTTTTTTTTTTTTTT 4477
Db 18 GGCCCTTTTTTTTTTTT 1

RESULT 1039
US-09-357-070-24
; Sequence 24, Application US/09357070
; Patent No. 6046049
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
; FILE REFERENCE: RTS-0076
; CURRENT APPLICATION NUMBER: US/09/357,070
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-24

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3378 GTTGCTCCTCCCCAGCT 3395
Db 2 GTTGCTCGTCTCCAGCT 19

RESULT 1040
US-09-249-730-158
; Sequence 158, Application US/09249730
; Patent No. 6121000
```

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;
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-040
; CURRENT APPLICATION NUMBER: US/09/249,730
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; US-09-249-730-158

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTTTT 4480
Db 3 CGTTTTTTTTTCTTTTTT 20

RESULT 1041
US-09-418-641-75
; Sequence 75, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: RTS-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-75

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4175 TAGGGAGGGGTGGTTAT 4192
Db 1 TAGGGAGGGGTGGTCAT 18

RESULT 1042
US-09-280-799-28/c
; Sequence 28, Application US/09280799
; Patent No. 6136603
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0340
; CURRENT APPLICATION NUMBER: US/09/280,799
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

APPLICANT NUMBER: FC1/GB97/00100  
FILING DATE: 12-JAN-1997  
ATTORNEY/AGENT INFORMATION:

US-09-097-199-62	Query Match	Score
		0.2%

Query Match 0.2%; Score 14.8; DB 1; Length 20;

```

; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 152
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-152

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY       7414 AGCAGCAGCAGCAGCAGC 7431
          ||| ||||| ||||| |||||
Db        18 AGCGGCAGCAGCGGCGAC 1

RESULT 1048
US-09-472-880-6/c
; Sequence 6, Application US/09472880
; Patent No. 6274333
; GENERAL INFORMATION:
; APPLICANT: Daniel CAPUT
;             Pascale CHALON
;             Pascual FERRARA
;             Vita NATALIO
; TITLE OF INVENTION: Type 2 Neurotensin Receptor
;                   (hNT-R2)
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC
; STREET: 400 Seventh Street
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/472,880
; FILING DATE: 28-Dec-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR 9723204
; FILING DATE: 17-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,049
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
;     LENGTH: 20
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-472-880-6

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY       4460 GGACTTTTTTTTTTTT 4477
          ||| ||||| ||||| |||||
Db        18 GGCCCTTTTTTTTTTT 1

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RESULT 1049
US-09-364-416-97/c
; Sequence 97, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean, Robert A. McKay, Loren J.
; APPLICANT: Miraglia, Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 97:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-364-416-97

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1284 CCAGACCTCGACCATGAT 1301
Db 19 CCAACACGACCATGAT 2

RESULT 1050
US-09-468-872-79
; Sequence 79, Application US/09468872
; Patent No. 6331614
; GENERAL INFORMATION:
; APPLICANT: Wong, Alexander K.C.
; APPLICANT: Teng, David H.-F.
; APPLICANT: Tavtigian, Sean V.
; TITLE OF INVENTION: Human CDC14A Gene
; FILE REFERENCE: CDC14A Gene
; CURRENT APPLICATION NUMBER: US/09/468,872
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: US 60/113,833
; EARLIER FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 79
; LENGTH: 20
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-468-872-79

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5479 TGTAAAAAGATAATTTT 5496
Db 2 TGTAAAGAGTAATTTT 19

RESULT 1051
US-09-629-645A-159/c
; Sequence 159, Application US/09629645A
; Patent No. 6365354
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
; FILE REFERENCE: RTS-0137
; CURRENT APPLICATION NUMBER: US/09/629,645A
; CURRENT FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 159
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-645A-159

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6464 CTTTTTTTTCTGTTTGT 6481
Db 18 CTGTATTTTCTGTTTGT 1

RESULT 1052
US-09-561-497-87
; Sequence 87, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-87

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3270 ATTGTTTAAAGAGAAA 3287
Db 3 ATTGTTTAAAGAGAAA 20

RESULT 1053
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```
US-09-470-443-21/c
; Sequence 21, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-21

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5287 CAGCCTCTACTCCAGCA 5304
DB 20 CAGCCGCGACTCCAGCA 3

RESULT 1054
US-08-275-951-39
; Sequence 39, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kiely, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc_feature
; LOCATION: (3)
; OTHER INFORMATION: N is Pseudoisocytosine
; NAME/KEY: misc_feature
; LOCATION: (6)
; OTHER INFORMATION: N is Pseudoisocytosine
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol, Ethylene Glycol
; OTHER INFORMATION: Linkage
US-08-275-951-48

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTTTT 4483

US-09-470-443-21/c
; Sequence 21, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-21

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5287 CAGCCTCTACTCCAGCA 5304
DB 20 CAGCCGCGACTCCAGCA 3

RESULT 1054
US-08-275-951-39
; Sequence 39, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kiely, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc_feature
; LOCATION: (3)
; OTHER INFORMATION: N is Pseudoisocytosine
; NAME/KEY: misc_feature
; LOCATION: (6)
; OTHER INFORMATION: N is Pseudoisocytosine
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol, Ethylene Glycol
; OTHER INFORMATION: Linkage
US-08-275-951-48

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTTTT 4483
```

Db 1 TTTTNTTTTTTTCTTCTT 20

RESULT 1056  
US-09-485-077A-3  
; Sequence 3, Application US/09485077A  
; Patent No. 6458590  
; GENERAL INFORMATION:  
; APPLICANT: Mukherjee, Anil  
; APPLICANT: Kundu, Gopal  
; APPLICANT: Panda, Dibyendu  
; TITLE OF INVENTION: Methods and Compositions for Treatment of Restenosis  
; FILE REFERENCE: NIH-05047  
; CURRENT APPLICATION NUMBER: US/09/485,077A  
; CURRENT FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: PCT/US98/16569  
; PRIOR FILING DATE: 1998-07-08  
; PRIOR APPLICATION NUMBER: 60/054,967  
; PRIOR FILING DATE: 1997-07-08  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 3  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-485-077A-3

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 904 TTCATGTGTGAGTGCTG 921  
Db 1 TCCATGTGTGAGTGATG 18

RESULT 1057  
US-09-725-265-36/c  
; Sequence 36, Application US/09725265  
; Patent No. 6492121  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KAMAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/09/725,265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 36  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-36

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 6682 TTATTTTATTTATATAT 6699  
Db 18 TTTTATATATATAT 1

RESULT 1058  
US-09-725-265-42/c  
; Sequence 42, Application US/09725265  
; Patent No. 6492121  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KAMAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/09/725,265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-42

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6682 TTATTTTATTTATATAT 6699  
Db 18 TTTTATATATATAT 1

RESULT 1059  
US-09-422-978-7819/c  
; Sequence 7819, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7819  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
US-09-422-978-7819/c

; LOCATION: 1..20  
; OTHER INFORMATION: upstream amplification primer 99-4762 for SEQ 3895,  
US-09-422-978-7819

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2860 GAGGAGCAAGGAGGAGG 2877  
||||| ||||| ||||| |||||  
Db 20 GAGGAGGCAAGGAGGAGG 3

RESULT 1060  
US-09-060-299-288  
; Sequence 288, Application US/09060299  
; Patent No. 6545137  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Merriman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: No. 6545137el Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/060,299  
; FILING DATE: 15-APR-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J.Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-35  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)816-4091  
; TELEFAX: (703)816-4100  
; INFORMATION FOR SEQ ID NO: 288:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-060-299-288

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2075 GCCGATACGTGCTACTG 2092  
||||| ||||| ||||| |||||  
Db 1 GCCAAGACTGTGCTACTG 18

RESULT 1061  
US-09-402-923A-288  
; Sequence 288, Application US/09402923A  
; Patent No. 6555654  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Merriman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: No. 6555654el LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; ZIP: VA 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,923A  
; FILING DATE: 14-Feb-2001  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB98/01102  
; FILING DATE: 15-APR-1998  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J.Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-81  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)816-4091  
; TELEFAX: (703)816-4100  
; INFORMATION FOR SEQ ID NO: 288:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 288:  
US-09-402-923A-288

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2075 GCCGATACGTGCTACTG 2092  
||||| ||||| ||||| |||||  
Db 1 GCCAAGACTGTGCTACTG 18

RESULT 1062  
US-09-198-452A-4204  
; Sequence 4204, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Grifffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment;



```
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4204
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4204

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1356 GAAGATGCCAGCTACAA 1373
Db 2 GAAGGATCCAGCTACAA 19

RESULT 1063
US-09-254-776B-28
; Sequence 28, Application US/09254776B
; Patent No. 6559359
; GENERAL INFORMATION:
; APPLICANT: Laten, Howard
; TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND METHODS FOR USE THEREOF
; FILE REFERENCE: 27013/33479A
; CURRENT APPLICATION NUMBER: US/09/254,776B
; CURRENT FILING DATE: 1999-03-09
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-254-776B-28

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 984 CAAGGAGATCAAGGCCT 1001
Db 3 CAAGGAGATCATGGACCT 20

RESULT 1064
US-09-249-247-158
; Sequence 158, Application US/09249247
; Patent No. 6593305
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; FILE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/09/249,247
; CURRENT FILING DATE: 1999-02-11
; EARLIER APPLICATION NUMBER: US 60/023,040
; EARLIER FILING DATE: 1996-08-02
; EARLIER APPLICATION NUMBER: US 60/039,959
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
```

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; ORGANISM: Human
US-09-249-247-158

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTTCTTTT 4480
Db 3 CGTTTCTTTTCTTTTCTTTT 20

RESULT 1065
US-09-526-193A-150/c
; Sequence 150, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; FILE OF INVENTION: CHOLESTEROL LEVELS
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-150

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2810 TGGATAGAGAAAGCTTT 2827
Db 20 TGGATTGAAGAAAGCCTT 3

RESULT 1066
US-09-980-052-146
; Sequence 146, Application US/09980052
; Patent No. 6670130
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/09/980,052
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
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; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KoptentIn 1.71
; SEQ ID NO 146
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium malmoeense
US-09-980-052-146

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4644 TGTGGAATTCCTCTTTG 4661
Db      ||||| ||||| ||||| |||||
        3 TGTGTAATTCCTCTTTG 20

RESULT 1067
5185441-9/c
; PATENT NO. 5185441
; APPLICANT: WALLNER, BARBARA P.;HESSIONS, CATHERINE
; TITLE OF INVENTION: DNA SEQUENCES, RECOMBINANT DNA
; MOLECULES AND PROCESSES FOR PRODUCING PI-LINKED LYMPHOCYTE
; FUNCTION ASSOCIATED ANTIGEN-3
; NUMBER OF SEQUENCES: 41
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/237,309
; FILING DATE: 26-AUG-1988
; SEQ ID NO:9;
; LENGTH: 20
5185441-9

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7307 CTTTGAGATTGTGGTTG 7324
Db      ||||| ||||| ||||| |||||
        20 CTTTGAGATTGTGGTTG 3

RESULT 1068
5185441-11
; PATENT NO. 5185441
; APPLICANT: WALLNER, BARBARA P.;HESSIONS, CATHERINE
; TITLE OF INVENTION: DNA SEQUENCES, RECOMBINANT DNA
; MOLECULES AND PROCESSES FOR PRODUCING PI-LINKED LYMPHOCYTE
; FUNCTION ASSOCIATED ANTIGEN-3
; NUMBER OF SEQUENCES: 41
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/237,309
; FILING DATE: 26-AUG-1988
; SEQ ID NO:11;
; LENGTH: 20
5185441-11

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7307 CTTTGAGATTGTGGTTG 7324
Db      ||||| ||||| ||||| |||||
        1 CTTTGAGATTGTGGTTG 18

RESULT 1069
US-07-977-284A-62
; Sequence 62, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
;
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESS: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TUV-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
US-07-977-284A-62

Query Match      0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1405 AAAGTGAGGATGACATG 1422
Db      ||||| ||||| ||||| |||||
        4 AAAGAGGAGGATGACATG 21

RESULT 1070
US-08-498-402-4/c
; Sequence 4, Application US/08498402
; Patent No. 5712096
; GENERAL INFORMATION:
; APPLICANT: Seth Stern
; APPLICANT: Prakash Purohit
; TITLE OF INVENTION: OLIGORIBONUCLEOTIDE ASSAY FOR
; TITLE OF INVENTION: NOVEL
; TITLE OF INVENTION: ANTIBIOTICS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESS: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:

```



Sequence 10, Application US/08998208  
Patent No. 5880105  
GENERAL INFORMATION:  
APPLICANT: Bergema, Derk J.  
APPLICANT: Stambolian, Dwight  
TITLE OF INVENTION: Human Galactokinase Gene  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corp./Corporate  
ADDRESSEE: Intellectual Property  
STREET: 709 Swedeland Road/UW2220  
CITY: King of Prussia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19406-0939  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/998,208  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/451,777  
FILING DATE: 26-MAY-1995  
APPLICATION NUMBER: PCT/US94/10825  
FILING DATE: 23-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Eagle, Alissa M.  
REGISTRATION NUMBER: 37,126  
REFERENCE/DOCKET NUMBER: P50268-1B  
TELEPHONE: 610-270-5364  
TELEFAX: 610-270-5090  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-998-208-10

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.6e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3801 CAGGTCGGAGCTGCTG 3818  
DB 20 CAGGTCGGAGCTGCTG 3

RESULT 1074  
US-08-460-751-17  
Sequence 17, Application US/08460751  
Patent No. 5891628  
GENERAL INFORMATION:  
APPLICANT: Reeders, Stephen  
APPLICANT: Schneider, Michael  
APPLICANT: Gluckmann, Sandra  
TITLE OF INVENTION: IDENTIFICATION OF POLYCYSTIC KIDNEY  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/460,751  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/413,580  
FILING DATE: 03-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7638-005  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-460-751-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.6e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2870 GGAGGAGGAGTGCGGT 2887  
DB 2 GGAGGAGTGAGTGCGGT 19

RESULT 1075  
US-08-256-426B-62  
Sequence 62, Application US/08256426B  
Patent No. 5948611  
GENERAL INFORMATION:  
APPLICANT: Prockop, Darwin J.  
APPLICANT: Ala-Kokko, Leena  
APPLICANT: Williams, Charlene J.  
APPLICANT: Ritvaniemi, Pertti  
APPLICANT: Baldwin, Clinton  
APPLICANT: Hopkinson, Ian  
APPLICANT: Ahmad, Nilofer Nina  
TITLE OF INVENTION: Methods of Detecting A Genetic  
NUMBER OF SEQUENCES: 293  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows 3.1  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/256,426B  
FILING DATE: 03-FEB-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/10964  
FILING DATE: 12-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/977,284  
FILING DATE: 13-NOV-1992



```
; APPLICANT: Desai, Nalini M.
; APPLICANT: Gaskaska, Pamela Y.
; TITLE OF INVENTION: GRAIN PROCESSING METHOD AND TRANSGENIC PLANTS USEFUL
; CORRESPONDENCE ADDRESS: THEREIN
; FILE REFERENCE: A-31383P1
; CURRENT APPLICATION NUMBER: US/09/598,747
; CURRENT FILING DATE: 2000-06-21
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide (primer STRF2B)
US-09-598-747-21

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 351 CATCCCTAAGATCGAGCT 368
Db 19 CAACCCGAAGATCGAGCT 2

RESULT 1080
US-09-422-978-7056
; Sequence 7056 Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7056
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-23736 for SEQ 3122,
US-09-422-978-7056

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4028 GAGAAACAAATGTTAT 4045
Db 1 GAGAAATAAATGTTAT 18

RESULT 1081
US-09-065-040-6/c
; Sequence 6, Application US/09065040
; Patent No. 6541217
; GENERAL INFORMATION:
; APPLICANT: Hiraoka, Atsunobu
; APPLICANT: Sugimura, Atsushi
; APPLICANT: Mio, Hiroyuki
```

```
; TITLE OF INVENTION: HEMATOPOIETIC STEM CELL GROWTH FACTOR
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &
; ADDRESSEE: DUNNER, LLP
; STREET: 1300 I Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/065,040
; FILING DATE: 27-APR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 262252/1996
; FILING DATE: 27-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 087242/1997
; FILING DATE: 24-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/02349
; FILING DATE: 07-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fordis, Jean B.
; REGISTRATION NUMBER: 32,984
; REFERENCE/DOCKET NUMBER: 04853.0026-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-09-065-040-6

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2274 TGCCTGCATCAAACTGGA 2291
Db 21 TGCCTGCATTAAGCTGGA 4

RESULT 1082
US-09-546-986A-12/c
; Sequence 12, Application US/09546986A
; Patent No. 6635741
; GENERAL INFORMATION:
; APPLICANT: Powers, Scott
; APPLICANT: Yang, Jianxin
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: No. 6635741e1 G-Protein Coupled Receptors
; FILE REFERENCE: 018781-004720US
; CURRENT APPLICATION NUMBER: US/09/546,986A
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 09/524,730
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 21
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR
; OTHER INFORMATION: amplification primer for BCA-GPCR-2
US-09-546-986A-12

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3894 CTGGAGTTACTTTCATAG 3911
Db 18 CTGGAGTTACTTCTCTTAG 1

RESULT 1083
US-09-524-730-12/c
; Sequence 12, Application US/09524730
; Patent No. 6638733
; GENERAL INFORMATION:
; APPLICANT: Powers, Scott
; APPLICANT: Yang, Jianxin
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: No. 6638733el G-Protein Coupled Receptors
; FILE REFERENCE: 018781-004710US
; CURRENT APPLICATION NUMBER: US/09/524,730
; CURRENT FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR
; OTHER INFORMATION: amplification primer for BCA-GPCR-2
US-09-524-730-12

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3894 CTGGAGTTACTTTCATAG 3911
Db 18 CTGGAGTTACTTCTCTTAG 1

RESULT 1084
US-09-435-739-17
; Sequence 17, Application US/09435739
; Patent No. 6664105
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodyavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 00/20454
; CURRENT APPLICATION NUMBER: US/09/435,739
; CURRENT FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-435-739-17

Query Match          0.2%; Score 14.8; DB 1; Length 21;
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```
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAG 7430
Db 4 CAGGAGCAGCAGCATCAG 21

RESULT 1085
PCT-US95-06743-10/c
; Sequence 10, Application PC/TUS9506743
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
; APPLICANT: Stambolian, Dwight
; TITLE OF INVENTION: Human Galactokinase Gene
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corp./Corporate
; ADDRESSEE: Intellectual Property
; STREET: 709 Swedeland Road/UW2220
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06743
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Sutton, Jeffrey A.
; REGISTRATION NUMBER: 34,028
; REFERENCE/DOCKET NUMBER: P50268-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5094
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-06743-10

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3801 CAAGTCTCGAGCTGCTG 3818
Db 20 CAGGTCGGAGCTGCTG 3

RESULT 1086
PCT-US95-10721-4/c
; Sequence 4, Application PC/TUS9510721
; GENERAL INFORMATION:
; APPLICANT: University of Massachusetts
; APPLICANT: Medical Center
; TITLE OF INVENTION: OLIGORIBONUCLEOTIDE ASSAY FOR
; TITLE OF INVENTION: NOVEL ANTIBIOTICS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
```





```
;;
;; COMPUTER: IBM compatible
;; OPERATING SYSTEM: Windows 3.10/DOS 6.20
;; SOFTWARE: Microsoft Word for Windows, vers. 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/538,666
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Paul D. Groseman
;; REGISTRATION NUMBER: 36,537
;; REFERENCE/DOCKET NUMBER: 4259C1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 638-5846
;; TELEFAX: (415) 638-6071
;; INFORMATION FOR SEQ ID NO: 14:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 22 nucleotides
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-538-666-14

Query Match 0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 942 GCAGCCCAAGCCCTCAC 959
Db 21 GCTGCCGAGCCCTCAC 4

RESULT 1091
US-09-183-412-52/c
; Sequence 52, Application US/09183412
; Patent No. 6204232
; GENERAL INFORMATION:
; APPLICANT: Borchert, Torben V.
; APPLICANT: Svendsen, Allan
; APPLICANT: Andersen, Carsten
; APPLICANT: Nielsen, Bjarne
; APPLICANT: Nissen, Torben L.
; APPLICANT: Kjaerulff, Soren
; TITLE OF INVENTION: Alpha-Amulase Mutants
; FILE REFERENCE: 5368.200-US
; CURRENT APPLICATION NUMBER: US/09/183,412
; CURRENT FILING DATE: 1998-10-30
; EARLIER APPLICATION NUMBER: 60/064,662
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 60/093,234
; EARLIER FILING DATE: 1998-07-17
; EARLIER APPLICATION NUMBER: 1240/97
; EARLIER FILING DATE: 1997-10-30
; EARLIER APPLICATION NUMBER: PA 1998 00936
; EARLIER FILING DATE: 1998-07-14
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-183-412-52

Query Match 0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1919 TTGGTGGCATTAAACA 1936
Db 19 TTGGCGGCATTAAACA 2

RESULT 1092
US-09-245-041-50
; Sequence 50, Application US/09245041
; Patent No. 6274339
; GENERAL INFORMATION:
; APPLICANT: Moore, K.
; APPLICANT: Nagle, D.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT
; FILE REFERENCE: 7853-136
; CURRENT APPLICATION NUMBER: US/09/245,041
; CURRENT FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/093,630
; EARLIER FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: 60/104,978
; EARLIER FILING DATE: 1998-10-20
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 50
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```

; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
US-09-245-041-50

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7072 TGAATGCACTGAGTCCTCCT 7089
Db 1 TGAATGCACAGACCTCCT 18

RESULT 1093
US-09-769-864-52/c
; Sequence 52, Application US/09769864
; Patent No. 6673589
; GENERAL INFORMATION:
; APPLICANT: Borchert, Torben V.
; APPLICANT: Svendsen, Allan
; APPLICANT: Andersen, Carsten
; APPLICANT: Nielsen, Bjarne
; APPLICANT: Nissen, Torben L.
; APPLICANT: Kjaerulff, Soren
; TITLE OF INVENTION: Alpha-Amulase Mutants
; FILE REFERENCE: 5368.200-US
; CURRENT APPLICATION NUMBER: US/09/769,864
; CURRENT FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 09/183,412
; PRIOR FILING DATE: 1998-10-30
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-769-864-52

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1919 TTGGTGGCATTAAACA 1936
Db 19 TTGGCGGCATTAAACA 2

RESULT 1094
US-09-688-990-20/c
; Sequence 20, Application US/09688990
; Patent No. 6682907
; GENERAL INFORMATION:
; APPLICANT: CHARNEAU, PIERRE
; APPLICANT: ZENNOU, VERONIQUE
; APPLICANT: FIRAT, HUSEYIN
; TITLE OF INVENTION: USE OF TRIPLEX STRUCTURE DNA SEQUENCES FOR TRANSFERRING
; FILE REFERENCE: 03495.0199
; CURRENT APPLICATION NUMBER: US/09/688,990
; CURRENT FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: PCT/FR99/00974
; PRIOR FILING DATE: 1999-04-23
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Caprine arthritis encephalitis virus
US-09-688-990-20

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Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTTCTTTT 4480
Db 18 CTTTCTTTTCTTTTCTTTT 1

RESULT 1095
US-08-621-914A-1/c
; Sequence 1, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
US-08-621-914A-1

Query Match      0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 2.2e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGACAAAAAGAGAGAAACA 4036
Db 26 TAAATGACAAAAAGAGAGAAACA 1

RESULT 1096
US-09-197-951-5/c
; Sequence 5, Application US/09197951
; Patent No. 6197554
; GENERAL INFORMATION:
; APPLICANT: LIN, SHI-LUNG
; CHUNG, CHENG-MING
; YING, SHAO-YAO
; TITLE OF INVENTION: Method for Generating Full-Length cDNA
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David & Raymond Patent Firm

```

STREET: 108 N. Ynez Ave., Suite 128  
CITY: Monterey Park  
STATE: CA  
COUNTRY: USA  
ZIP: 91754  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/197,951  
FILING DATE: 20-No. 6197554-1998  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Chan, Raymond Y.C.  
REGISTRATION NUMBER: 37,484  
REFERENCE/DOCKET NUMBER: USP8462A-SL(3)  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 571-9812  
TELEFAX: (626) 571-9813  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic"  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-197-951-5

Query Match 0.2%; Score 14.8; DB 1; Length 26;  
Best Local Similarity 73.1%; Pred. No. 2.2e+03;  
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAAAA 4037  
Db 26 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1097  
US-09-522-217-38/c  
; Sequence 38, Application US/09522217  
; Patent No. 6307024  
; GENERAL INFORMATION:  
; APPLICANT: No. 6307024ak, Julia E.  
; APPLICANT: Preenell, Scott R.  
; APPLICANT: Sprecher, Cindy A.  
; APPLICANT: Foster, Donald C.  
; APPLICANT: Holly, Richard D.  
; APPLICANT: Gross, Jane A.  
; APPLICANT: Johnston, Janet V.  
; APPLICANT: Nelson, Andrew J.  
; APPLICANT: Dillon, Stacey R.  
; APPLICANT: Hammond, Angela K.  
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
; FILE REFERENCE: 99-16  
; CURRENT APPLICATION NUMBER: US/09/522,217  
; PRIOR FILING DATE: 2000-03-09  
; EARLIER APPLICATION NUMBER: US 60/123,547  
; EARLIER FILING DATE: 1999-03-09  
; EARLIER APPLICATION NUMBER: US 60/123,904  
; EARLIER FILING DATE: 1999-03-11  
; EARLIER APPLICATION NUMBER: US 60/142,013  
; EARLIER FILING DATE: 1999-07-01  
; NUMBER OF SEQ ID NOS: 115  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 38  
; LENGTH: 26  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-522-217-38

Query Match 0.2%; Score 14.8; DB 1; Length 26;  
Best Local Similarity 73.1%; Pred. No. 2.2e+03;  
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4011 TAAATGAGAAAAAGAGAGAAAAA 4036  
Db 26 TAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1098  
US-09-527-345-7/c  
; Sequence 7, Application US/09527345  
; Patent No. 6331413  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Adler, David A.  
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE  
; FILE REFERENCE: 97-71  
; CURRENT APPLICATION NUMBER: US/09/527,345  
; PRIOR FILING DATE: 1999-03-17  
; PRIOR APPLICATION NUMBER: US 60/124,820  
; PRIOR FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 7  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-527-345-7

Query Match 0.2%; Score 14.8; DB 1; Length 26;  
Best Local Similarity 73.1%; Pred. No. 2.2e+03;  
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4011 TAAATGAGAAAAAGAGAGAAAAA 4036  
Db 26 TAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1099  
US-09-923-246-38/c  
; Sequence 38, Application US/09923246  
; Patent No. 6605272  
; GENERAL INFORMATION:  
; APPLICANT: No. 6605272ak, Julia E.  
; APPLICANT: Preenell, Scott R.  
; APPLICANT: Sprecher, Cindy A.  
; APPLICANT: Foster, Donald C.  
; APPLICANT: Holly, Richard D.  
; APPLICANT: Gross, Jane A.  
; APPLICANT: Johnston, Janet V.  
; APPLICANT: Nelson, Andrew J.  
; APPLICANT: Dillon, Stacey R.  
; APPLICANT: Hammond, Angela K.  
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
; FILE REFERENCE: 99-16  
; CURRENT APPLICATION NUMBER: US/09/923,246  
; CURRENT FILING DATE: 2001-08-03  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217  
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01  
; NUMBER OF SEQ ID NOS: 115  
; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 38  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-923-246-38

Query Match 0.2%; Score 14.8; DB 1; Length 26;

Best Local Similarity 73.1%; Pred. No. 2.2e+03;  
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAAGAGAGAAACA 4036

Db 26 TAAAAAAGAAAAAAGAAAAA 1

RESULT 1100

US-10-295-723-38/c

; Sequence 38, Application US/10295723

; Patent No. 6686178

; GENERAL INFORMATION:

; APPLICANT: No. 6686178ak, Julia E.

; APPLICANT: Presnell, Scott R.

; APPLICANT: Sprecher, Cindy A.

; APPLICANT: Foster, Donald C.

; APPLICANT: Holly, Richard D.

; APPLICANT: Gross, Jane A.

; APPLICANT: Johnston, Janet V.

; APPLICANT: Nelson, Andrew J.

; APPLICANT: Dillon, Stacey R.

; APPLICANT: Hammond, Angela K.

; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND

; FILE REFERENCE: 99-16

; CURRENT APPLICATION NUMBER: US/10/295,723

; CURRENT FILING DATE: 2002-11-15

; PRIOR APPLICATION NUMBER: 09/522,217

; PRIOR FILING DATE: 2000-03-09

; PRIOR APPLICATION NUMBER: US 60/123,547

; PRIOR FILING DATE: 1999-03-09

; PRIOR APPLICATION NUMBER: US 60/123,904

; PRIOR FILING DATE: 1999-03-11

; PRIOR APPLICATION NUMBER: US 60/142,013

; PRIOR FILING DATE: 1999-07-01

; NUMBER OF SEQ ID NOS: 115

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 38

; LENGTH: 26

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer ZC7764a

US-10-295-723-38

Query Match 0.2%; Score 14.8; DB 1; Length 26;

Best Local Similarity 73.1%; Pred. No. 2.2e+03;  
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAAGAGAGAAACA 4036

Db 26 TAAAAAAGAAAAAAGAAAAA 1

RESULT 1101

US-08-762-106-11

; Sequence 11, Application US/08762106

; Patent No. 5948677

; GENERAL INFORMATION:

; APPLICANT: Jarvik, Jonathan W.

; TITLE OF INVENTION: READING FRAME INDEPENDENT EPITOPE

; TITLE OF INVENTION: TAGGING

; NUMBER OF SEQUENCES: 47

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Harris Brotman  
; STREET: 202 Coast Blvd., Suite 111  
; CITY: La Jolla  
; STATE: California  
; COUNTRY: US  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/762,106  
; FILING DATE: 09-DEC-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brotman, Harris F.  
; REGISTRATION NUMBER: 35,461  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 654-2428  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLSCULE TYPE: CDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; US-08-762-106-11

Query Match 0.2%; Score 14.8; DB 1; Length 28;

Best Local Similarity 73.1%; Pred. No. 2.4e+03;

Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2951 CAGCAAGACAGACCACGACGAGAAA 2976

Db 2 CAGACAGACAGACAGACAGACAGACA 27

RESULT 1102

US-09-320-774-11

; Sequence 11, Application US/09320774

; Patent No. 6265545

; GENERAL INFORMATION:

; APPLICANT: Jarvik, Jonathan W.

; TITLE OF INVENTION: READING FRAME INDEPENDENT EPITOPE

; TITLE OF INVENTION: TAGGING

; NUMBER OF SEQUENCES: 47

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Harris Brotman

; STREET: 202 Coast Blvd., Suite 111

; CITY: La Jolla

; STATE: California

; COUNTRY: US

; ZIP: 92037

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/320,774

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/762,106

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Brotman, Harris F.

; REGISTRATION NUMBER: 35,461

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (619) 654-2428



```

; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,882B
; FILING DATE: July 7, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: NO. 6017696ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/263
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-271-882B-2

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAGAAACAAAT 4040
Db 1 AAAAAAAAAAAAAAAAAAAU 21

RESULT 1106
US-08-726-278-2
; Sequence 2, Application US/08726278
; Patent No. 6236624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; FILE REFERENCE: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; US-08-726-278-2

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAGAAACAAAT 4040
Db 1 AAAAAAAAAAAAAAAAAAAU 21

RESULT 1107
US-08-009-263C-52/c
; Sequence 52, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-009-263C-52

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3024 CATCTGGCCCTGACCCCACTG 3044
Db 21 CTCTGGCCCTGCGCCGCTGTG 1

RESULT 1108
US-08-128-011-4
; Sequence 4, Application US/08128011
; Patent No. 5523389
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Imbach, Jean Louis
```

;; TITLE OF INVENTION: Inhibitors of Human Immunodeficiency  
;; TITLE OF INVENTION: Virus  
;; NUMBER OF SEQUENCES: 4  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5523389ris  
;; STREET: One Liberty Place - 46th Floor  
;; CITY: Philadelphia  
;; STATE: PA  
;; COUNTRY: U.S.A.  
;; ZIP: 19103  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/128,011  
;; FILING DATE:  
;; CLASSIFICATION: 424  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Gaumont, Rebecca R.  
;; REGISTRATION NUMBER: 35,152  
;; REFERENCE/DOCKET NUMBER: ISIS-1161  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 215-568-3100  
;; TELEFAX: 215-568-3439  
;; INFORMATION FOR SEQ ID NO: 4:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 21 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
US-08-128-011-4  
  
Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
  
QY 4468 TTTTCTTTTCTTTCTTTCTTT 4488  
DB 1 TTTTCTTTTCTTTCTTTCTTT 21  
  
RESULT 1109  
US-07-847-055A-12  
; Sequence 12, Application US/07847055A  
; Patent No. 5530114  
; GENERAL INFORMATION:  
; APPLICANT: ISIS Pharmaceuticals  
; TITLE OF INVENTION: Oligonucleotide Modulation of  
; TITLE OF INVENTION: Arachidonic Acid Metabolism  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn  
; ADDRESSEE: Kurtz Mackiewicz & No. 5530114ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/847,055A  
; FILING DATE: 19920403  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/516,969  
; FILING DATE: April 30, 1990

;; ATTORNEY/AGENT INFORMATION:  
;; NAME: John W. Caldwell  
;; REGISTRATION NUMBER: 28,937  
;; REFERENCE/DOCKET NUMBER: ISIS-182  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (215) 568-3100  
;; TELEFAX: (215) 568-3439  
;; INFORMATION FOR SEQ ID NO: 12:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 21  
;; TYPE: NUCLEIC ACID  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; ANTI-SENSE: yes  
US-07-847-055A-12  
  
Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
  
QY 1631 GGAAGATTTCAGGATGGG 1651  
DB 1 GGAAGTTTCCAGGAGAGG 21  
  
RESULT 1110  
US-08-202-389-44/c  
; Sequence 44, Application US/08202389  
; Patent No. 5536636  
; GENERAL INFORMATION:  
; APPLICANT: Freeman Jr., Robert M.  
; APPLICANT: Plutzky, Jorge  
; APPLICANT: Neel, Benjamin G.  
; APPLICANT: Rosenberg, Robert D.  
; TITLE OF INVENTION: IDENTIFICATION OF NOVEL TYROSINE  
; TITLE OF INVENTION: PHOSPHATASES HAVING SH2 DOMAINS  
; NUMBER OF SEQUENCES: 54  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/202,389  
; FILING DATE: 28-FEB-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/983,926  
; FILING DATE: 01-DEC-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/829,141  
; FILING DATE: 31-JAN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/721,112  
; FILING DATE: 26-JUN-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Granahan, Patricia  
; REGISTRATION NUMBER: 32,227  
; REFERENCE/DOCKET NUMBER: BIH92-05MA  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 861-6240  
; TELEFAX: (617) 861-9540  
; INFORMATION FOR SEQ ID NO: 44:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid

```
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-202-389-44

Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4436 CTAGGCGATGTGGTGGTGG 4456
   ||| ||| ||| ||| ||| ||| |||
Db 21 CAAGGTCATGTGCGAGGTGG 1

RESULT 1111
US-08-426-792-2/c
; Sequence 2, Application US/08426792
; Patent No. 5733541
; GENERAL INFORMATION:
; APPLICANT: Taichman, Russell S.
; TITLE OF INVENTION: Hematopoietic Cells: Compositions and
; METHOD OF INVENTION: Methods
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,792
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UMIC010-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-426-792-2

Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3638 AGGAGGTAGTGGGGAAGAA 3658
   ||| ||| ||| ||| ||| ||| |||
Db 21 AGGAGGAGGAGGAGGAGGAA 1

RESULT 1112
US-08-424-663-4/c
; Sequence 4, Application US/08424663
; Patent No. 5750341
; GENERAL INFORMATION:
; APPLICANT: MACEVICZ, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Bloc
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz
```

```
; STREET: 21890 Rucker Drive
; CITY: Cupertino
; STATE: California
; COUNTRY: USA
; ZIP: 95014
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,663
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: peol
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 638-5552
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-424-663-4

Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3441 CCCACCTTACTTCTCTCTCCC 3461
   ||| ||| ||| ||| ||| ||| |||
Db 21 CCTCTCTTCTCTCTCTCTCCC 1

RESULT 1113
US-08-424-663-5/c
; Sequence 5, Application US/08424663
; Patent No. 5750341
; GENERAL INFORMATION:
; APPLICANT: MACEVICZ, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Blo
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz
; STREET: 21890 Rucker Drive
; CITY: Cupertino
; STATE: California
; COUNTRY: USA
; ZIP: 95014
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,663
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: peol
; TELECOMMUNICATION INFORMATION:
```



TELEPHONE: (415) 638-5552  
TELEFAX:  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-424-663-5

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3442 CCCACCTTACTCTCCCTCCCT 3462  
DB 21 CTCTCTCTCTCTCTCTCTCTCT 1

## RESULT 1114

US-08-647-351B-2/c  
Sequence 2, Application US/08647351B  
Patent No. 5770368

GENERAL INFORMATION:  
APPLICANT: De Leon, Ricardo  
APPLICANT: Rochelle, Paul  
TITLE OF INVENTION: Cryptosporidium Detection Method  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Mak  
STREET: 225 S. Lake Avenue, 9th Floor  
CITY: Pasadena  
STATE: California  
ZIP: 91101

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95

SOFTWARE: Wordperfect for Windows version 6.1  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/647,351B  
FILING DATE: May 9, 1996

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:

NAME: Farah, David A.  
REGISTRATION NUMBER: 38,134

REFERENCE/DOCKET NUMBER: 11364  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid  
DESCRIPTION: primer sequence

US-08-647-351B-2

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAG 7433  
DB 21 CAGCAGCAGCAGCAGCAGCAG 1

## RESULT 1115

US-08-740-215B-1/c  
Sequence 1, Application US/08740215B  
Patent No. 5874566

GENERAL INFORMATION:  
APPLICANT: Veerapanane, Dange  
APPLICANT: Hamanaka, Shoji  
APPLICANT: No. 5874566awa, Iwao  
TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hovey, Williams, Timmons & Collins  
STREET: 2405 Grand Boulevard, Suite 400  
CITY: Kansas City  
STATE: Missouri  
COUNTRY: U.S.A.  
ZIP: 64108

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/740,215B  
FILING DATE:

CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:

NAME: Collins, John M.  
REGISTRATION NUMBER: 26262

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (816) 474-9050

TELEFAX: (816) 474-9057  
INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs

TYPE: nucleic acid  
STRANDEDNESS: double

TOPOLOGY: linear  
US-08-740-215B-1

## Query Match

Best Local Similarity 0.2%; Score 14.6; DB 1; Length 21;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5412 AAGAATAAAAGCAAGAGAA 5432  
DB 21 AAGAAAAGAAAGAAAGGAA 1

## RESULT 1116

US-08-740-215B-4

Sequence 4, Application US/08740215B  
Patent No. 5874566

GENERAL INFORMATION:

APPLICANT: Veerapanane, Dange  
APPLICANT: Hamanaka, Shoji

APPLICANT: No. 5874566awa, Iwao  
TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT

NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Hovey, Williams, Timmons & Collins  
STREET: 2405 Grand Boulevard, Suite 400

CITY: Kansas City  
STATE: Missouri

COUNTRY: U.S.A.  
ZIP: 64108

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/740,215B  
FILING DATE:

CLASSIFICATION: 514

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Collins, John M.
; REGISTRATION NUMBER: 26262
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (816) 474-9050
; TELEFAX: (816) 474-9057
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-740-215B-4

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5412 AAGAAATTAAGACGACGAA 5432
Db 1 AAGAAATTAAGACGACGAA 21

RESULT 1117
US-08-403-888A-63
; Sequence 63, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-142

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4468 TTTTGTGCTT 4488
Db 1 TTTTGTGCTT 21

RESULT 1119
US-08-872-446-4/c
; Sequence 4, Application US/08872446
; Patent No. 5969119
; GENERAL INFORMATION:
; APPLICANT: Macevicz, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Parallel
; TITLE OF INVENTION: Oligonucleotide Extensions
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/872,446  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-872-446-4

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3441 CCCACCTTACTTCTCTCC 3461  
DB 21 CCTCTCTCTCTCTCTCTCC 1

RESULT 1120  
US-08-872-446-5/c  
Sequence 5, Application US/08872446  
Patent No. 5969119  
GENERAL INFORMATION:  
APPLICANT: Macevitz, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Parallel  
TITLE OF INVENTION: Oligonucleotide Extensions  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/872,446  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
US-08-872-446-5

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3442 CCCACCTTACTTCTCTCCCT 3462  
DB 21 CTCTCTCTCTCTCTCTCTCT 1

RESULT 1121  
US-08-838-715B-52/c  
Sequence 52, Application US/08838715B  
Patent No. 6153595  
GENERAL INFORMATION:  
APPLICANT: Draper, Chapman, Kisner, Anderson  
TITLE OF INVENTION: Composition and Method for Treatment  
TITLE OF INVENTION: of CMV Infection  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jane Massey Licata, Esq.  
STREET: 66 E. Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERPECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/838,715B  
FILING DATE: April 9, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/568,366  
FILING DATE: 8/16/90  
APPLICATION NUMBER: 07/927,506  
FILING DATE: 11/19/92  
APPLICATION NUMBER: 08/009,263  
FILING DATE: 1/25/93  
APPLICATION NUMBER: 08/233,711  
FILING DATE: 4/26/94  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0204  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-838-715B-52

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3024 CATCTGGCCCTGACCCACTG 3044  
DB 21 CTCTGGCCCTGCGCCGCTG 1

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RESULT 1122
US-08-974-549A-507
; Sequence 507, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph Ted
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 507:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate"
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..21
; OTHER INFORMATION: /note= "260-280 primer"
US-08-974-549A-507

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. NO. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4735 GGCACGCTGGAGGAGAGGG 4755
Db 1 GGACACCTGGCGGAAGGAGGG 21

RESULT 1123
US-08-943-731-256/C
; Sequence 256, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KORKKO, JARMO
; APPLICANT: ALA-KOKKO, LEENA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
; STREET: FLR.
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY Ph.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 256:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
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US-08-943-731-256

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 961 GACTCTCAGCGGTTCCCTTC 981  
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Db 21 GACTCTCAGCTCATCCTCTTC 1

RESULT 1124

US-09-109-663-14  
; Sequence 14, Application US/09109663  
; Patent No. 6277981  
; GENERAL INFORMATION:  
; APPLICANT: Tu, Guang-Chou  
; APPLICANT: Israel, Yedy  
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF  
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES  
; FILE REFERENCE: 9855-3U1  
; CURRENT APPLICATION NUMBER: US/09/109,663  
; CURRENT FILING DATE: 1998-07-03  
; EARLIER APPLICATION NUMBER: 60/051,705  
; EARLIER FILING DATE: 1997-07-03  
; NUMBER OF SEQ ID NOS: 81  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 14  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Candidate  
; OTHER INFORMATION: TNF(alpha) ASO  
US-09-109-663-14

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 566 CTGGGAGGAGGATCGAA 586  
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Db 1 CTGAGGAGGAGGAGGAGAA 21

RESULT 1125

US-09-280-270A-4/c  
; Sequence 4, Application US/09280270A  
; Patent No. 6306597  
; GENERAL INFORMATION:  
; APPLICANT: Macevicz, Stephen C.  
; TITLE OF INVENTION: DNA Sequencing by Parallel  
; TITLE OF INVENTION: Oligonucleotide Extensions  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates  
; STREET: 350 Cambridge Avenue, Suite 250  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,270A  
; FILING DATE: 29-Mar-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/424,663  
; FILING DATE: 17-APR-1995

ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-280-270A-4

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3441 CCCACCTTACTTCTCTCCC 3461  
|||||  
Db 21 CCTCTCTTCCCTCTCTCCC 1

RESULT 1126

US-09-280-270A-5/c  
; Sequence 5, Application US/09280270A  
; Patent No. 6306597  
; GENERAL INFORMATION:  
; APPLICANT: Macevicz, Stephen C.  
; TITLE OF INVENTION: DNA Sequencing by Parallel  
; TITLE OF INVENTION: Oligonucleotide Extensions  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates  
; STREET: 350 Cambridge Avenue, Suite 250  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/280,270A  
; FILING DATE: 29-Mar-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/424,663  
; FILING DATE: 17-APR-1995  
; ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-280-270A-5

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY 3442 CCACCTTACTTCTCTCCCT 3462
Db 21 CTCTCCTCTCCCTCTCTCCCT 1

RESULT 1127
US-09-270-542-96/c
; Sequence 96, Application US/09270542
; Patent No. 6322976
; GENERAL INFORMATION:
; APPLICANT: Altman, Timothy
; APPLICANT: Scott, James
; APPLICANT: Stanton, Lawrence
; TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
; TITLE OF INVENTION: Therapy
; FILE REFERENCE: 4198/78179
; CURRENT APPLICATION NUMBER: US/09/270,542
; CURRENT FILING DATE: 1999-03-17
; EARLIER APPLICATION NUMBER: 09/221,222
; EARLIER FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 96
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-270-542-96

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1673 CTGTTTCTGCAATATGCAC 1693
Db 21 CATGTTTATGCACATGCAC 1

RESULT 1128
US-08-918-148-9/c
; Sequence 9, Application US/08918148A
; Patent No. 6342220
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia
; APPLICANT: W.
; APPLICANT: Carter, Paul J.
; APPLICANT: Fendly, Brian M.
; APPLICANT: Gurney, Austin L.
; TITLE OF INVENTION: Agonist Antibodies
; FILE REFERENCE: P0979
; CURRENT APPLICATION NUMBER: US/08/918,148A
; CURRENT FILING DATE: 1997-08-25
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; NAME/KEY: 10F6scFv VL CDR2
; LOCATION: 1-21
; OTHER INFORMATION:
US-08-918-148-9

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2785 TGAAGCAGACGCTGTACC 2805
Db 21 TGAGGGCCGATTGCTGTACC 1

RESULT 1129
US-09-031-962D-7/c

; Sequence 7, Application US/09031962D
; Patent No. 6350867
; GENERAL INFORMATION:
; APPLICANT: Thomas C. Hart
; APPLICANT: Jennifer A. Price
; TITLE OF INVENTION: Methods and Compositions for Enhancing
; TITLE OF INVENTION: Osseous Growth, Repair, and Regeneration
; FILE REFERENCE: WFU98-18
; CURRENT APPLICATION NUMBER: US/09/031,962D
; CURRENT FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-031-962D-7

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4570 CCCCCCTGCCCTTTTCTCTTG 4590
Db 21 CCACCCAGCGATTTTCTCTTG 1

RESULT 1130
US-08-912-274
; Sequence 274, Application US/08912951
; Patent No. 6475789
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT:
; TITLE OF INVENTION: THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912,951
; FILING DATE: 14-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
```



```
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6532
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-12130 for SEQ 2598,
US-09-422-978-6532
```

```
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 6177 GAATAAGAGTGATGAGAAGAG 6197
Db 21 GAATAAGAGGATGAGAAGAG 1
```

```
RESULT 1135
US-09-422-978-8263/c
; Sequence 8263, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8263
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-14652 for SEQ 398, in complete
US-09-422-978-8263
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Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 4138 GAACTGTGACCGATTGTGT 4158
Db 21 GAACTGTGGACAAGATGTGT 1
```

```
RESULT 1136
US-09-422-978-10094
```

```
; Sequence 10094, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10094
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9446 for SEQ 2229, in complete
US-09-422-978-10094
```

```
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 3280 GAAGAAATGAACACGACC 3300
Db 1 GAAGAAACAAGAAACCAATCC 21
```

```
RESULT 1137
US-09-422-978-10129
; Sequence 10129, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-10028 for SEQ 2264, in complete
US-09-422-978-10129
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```
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY 6237 CTGCTCTTTGATTGTTATCC 6257
Db 1 CTGCTCTTTGATTGTTATCC 21
```



```
RESULT 1138
US-09-422-978-10387
; Sequence 10387, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10387
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11566 for SEQ 2522, in complem
US-09-422-978-10387
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2388 TGGTACATCCAGCTGGGAC 2408
DB 1 TGGTTACATAACACCTGGGAC 21

RESULT 1139
US-09-422-978-11222/c
; Sequence 11222, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11222
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3478 for SEQ 3357, in complem
US-09-422-978-11222
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3851 CTCCTTTCTCCTTATTCCTC 3871
```

```
Db 21 CTCCTGCTCCTTATTCCTC 1

RESULT 1140
US-09-402-181B-507
; Sequence 507, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/402,181B
; FILING DATE: 29-Sep-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenhus, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-002620US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 507:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate"
; FEATURE:
; NAME/KEY:
; LOCATION: 1..21
; OTHER INFORMATION: /note= "260-280 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 507:
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US-09-402-181B-507

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4735 GGCCAGCTGGAGGAAGGG 4755  
DB 1 GGACACCTGGCGAAGGAGG 21

RESULT 1141

US-09-721-456-507

; Sequence 507, Application US/09721456  
; Patent No. 6617110

; GENERAL INFORMATION:

; APPLICANT: Cech, Thomas R.

; Lingner, Joachim

; Nakamura, Toru

; Chapman, Karen B.

; Morin, Gregg B.

; Harley, Calvin B.

; Andrews, William H.

; TITLE OF INVENTION: Human Telomerase Catalytic Subunit

; NUMBER OF SEQUENCES: 727

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/721,456

; FILING DATE: 22-NOV-2000

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/974,549A

; FILING DATE: 19-NOV-1997

; APPLICATION NUMBER: US 08/724,643

; FILING DATE: 01-OCT-1996

; APPLICATION NUMBER: US 08/844,419

; FILING DATE: 18-APR-1997

; APPLICATION NUMBER: US 08/846,017

; FILING DATE: 25-APR-1997

; APPLICATION NUMBER: US 08/851,843

; FILING DATE: 06-MAY-1997

; APPLICATION NUMBER: US 08/854,050

; FILING DATE: 09-MAY-1997

; APPLICATION NUMBER: US 08/911,312

; FILING DATE: 14-AUG-1997

; APPLICATION NUMBER: US 08/912,951

; FILING DATE: 14-AUG-1997

; APPLICATION NUMBER: US 08/915,503

; FILING DATE: 14-AUG-1997

; APPLICATION NUMBER: WO PCT/US97/17618

; FILING DATE: 01-OCT-1997

; APPLICATION NUMBER: WO PCT/US97/17885

; FILING DATE: 01-OCT-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Apple, Randolph Ted

; REGISTRATION NUMBER: 36,429

; REFERENCE/DOCKET NUMBER: 015389-002610US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 576-0200

; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 507:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "phosphorothioate"

; FEATURE:

; NAME/KEY: -

; LOCATION: 1..21

; OTHER INFORMATION: /note= "260-280 primer"

; SEQUENCE DESCRIPTION: SEQ ID NO: 507:

US-09-721-456-507

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4735 GGCCAGCTGGAGGAAGGG 4755  
DB 1 GGACACCTGGCGAAGGAGG 21

RESULT 1142

US-08-474-140-5/c

; Sequence 5, Application US/08474140

; Patent No. 5721127

; GENERAL INFORMATION:

; APPLICANT: DEWEER, PHILIPPE

; APPLICANT: AMORY, ANTOINE

; TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH

; TITLE OF INVENTION: PRODUCE IT. PROCESSES FOR THE PREPARATION OF THIS

; TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.

; STREET: 2000 K Street, N.W., Suite 200

; CITY: Washington

; STATE: D.C.

; COUNTRY: U.S.A.

; ZIP: 20006

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/474,140

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Wilhlem F. Gadiano, Esq.

; REGISTRATION NUMBER: 37,136

; REFERENCE/DOCKET NUMBER: 4121-41

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 429-0625

; TELEFAX: (202) 293-1850

; TELEX: 650 383-5605

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 22 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: nucleic acid (other);

; DESCRIPTION: synthetic DNA

; US-08-474-140-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.9e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAAA 3754  
||||| ||||| ||||| |||||

Db 22 GAGCTCGTTAAACAGATCTCAA 2

## RESULT 1143

US-08-477-630-5/c

; Sequence 5, Application US/08477630

; Patent No. 5721128

; GENERAL INFORMATION:

; APPLICANT: DEWEER, PHILIPPE

; APPLICANT: AMORY, ANTOINE

; TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH

; TITLE OF INVENTION: PRODUCE IT, PROCESSES FOR THE PREPARATION OF THIS

; TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.

; STREET: 2000 K Street, N.W., Suite 200

; CITY: Washington

; STATE: D.C.

; COUNTRY: U.S.A.

; ZIP: 20006

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/477,630

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Wilhem F. Gadiano, Esq.

; REGISTRATION NUMBER: 37,136

; REFERENCE/DOCKET NUMBER: 4121-42

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 429-0625

; TELEFAX: (202) 293-1850

; TELEX: 650 383-5605

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 22 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: nucleic acid (other);

; DESCRIPTION: synthetic DNA

US-08-477-630-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.9e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAAA 3754

||||| ||||| ||||| ||||| |||||

Db 22 GAGCTCGTTAAACAGATCTCAA 2

## RESULT 1144

US-08-472-293-5/c

; Sequence 5, Application US/08472293

; Patent No. 5731174

; GENERAL INFORMATION:

; APPLICANT: DEWEER, PHILIPPE

; APPLICANT: AMORY, ANTOINE

; TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH

; TITLE OF INVENTION: PRODUCE IT, PROCESSES FOR THE PREPARATION OF THIS

; TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.

; STREET: 2000 K Street, N.W., Suite 200

; CITY: Washington

; STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20006

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/472,293

FILING DATE: 07-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Wilhem F. Gadiano, Esq.

REGISTRATION NUMBER: 37,136

REFERENCE/DOCKET NUMBER: 4121-44

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 429-0625

TELEFAX: (202) 293-1850

TELEX: 650 383-5605

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: nucleic acid (other);

DESCRIPTION: synthetic DNA

US-08-472-293-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.9e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAAA 3754

||||| ||||| ||||| ||||| |||||

Db 22 GAGCTCGTTAAACAGATCTCAA 2

## RESULT 1145

US-08-474-545-5/c

; Sequence 5, Application US/08474545

; Patent No. 5736375

; GENERAL INFORMATION:

; APPLICANT: DEWEER, PHILIPPE

; APPLICANT: AMORY, ANTOINE

; TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH

; TITLE OF INVENTION: PRODUCE IT, PROCESSES FOR THE PREPARATION OF THIS

; TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.

; STREET: 2000 K Street, N.W., Suite 200

; CITY: Washington

; STATE: D.C.

; COUNTRY: U.S.A.

ZIP: 20006

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/474,545

FILING DATE: 07-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Wilhem F. Gadiano, Esq.

REGISTRATION NUMBER: 37,136

REFERENCE/DOCKET NUMBER: 4121-43

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 429-0625

TELEFAX: (202) 293-1850

TELEX: 650 383-5605

```
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid (other);
; DESCRIPTION: synthetic DNA
US-08-474-545-5

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAAA 3754
Db 22 GAGCTCGTTAAGATCTCAA 2

RESULT 1146
US-08-358-995-22/c
; Sequence 22, Application US/08358995
; Patent No. 5741638
; GENERAL INFORMATION:
; APPLICANT: AKIO YAMANE
; TITLE OF INVENTION: Microtiter Well For Detecting
; TITLE OF INVENTION: Nucleic Acid
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 500 Kb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,995
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/004,572
; FILING DATE: January 14, 1993
; APPLICATION NUMBER: 07/722,673
; FILING DATE: June 28, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX: 202-371-8856
; TELEX:
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL:
; ANTI-SENSE:
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; DEVELOPMENTAL STAGE:
; HAPLOTYPE:

; TISSUE TYPE:
; CELL TYPE:
; CELL LINE:
; ORGANELLE:
; IMMEDIATE SOURCE:
; LIBRARY:
; CLONE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; UNITS:
; FEATURE:
; NAME/KEY:
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: /note= "having biotin at
; OTHER INFORMATION: the 5' end with a spacer"
; PUBLICATION INFORMATION:
; AUTHORS:
; TITLE:
; JOURNAL:
; VOLUME:
; ISSUE:
; PAGES:
; DATE:
; DOCUMENT NUMBER:
; FILING DATE:
; PUBLICATION DATE:
; RELEVANT RESIDUES IN SEQ ID NO:
US-08-358-995-22

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGAAGCTTCACAGACGAGCTGC 1630
Db 21 AGAGCTTCACAGTCGACGCGC 1

RESULT 1147
US-08-753-147-9
; Sequence 9, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
```

LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-753-147-9

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6469 TTTTCTGTTGTGTAAGG 6489  
DB 1 TTTTCTGTTGTGTAAGG 21

## RESULT 1148

US-08-478-341-5/C  
Sequence 5, Application US/08478341  
Patent No. 5817498  
GENERAL INFORMATION:  
APPLICANT: DEWEER, PHILIPPE  
APPLICANT: AMORY, ANTOINE  
TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH  
PRODUCE IT, PROCESSES FOR THE PREPARATION OF THIS  
TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.  
STREET: 2000 K Street, N.W., Suite 200  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20006

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,341  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: Wilhem F. Gadiano, Esq.  
REGISTRATION NUMBER: 37,136  
REFERENCE/DOCKET NUMBER: 4121-45  
TELEPHONE: (202) 429-0625  
TELEFAX: (202) 293-1850  
TELEX: 650 383-5605

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid (other);  
DESCRIPTION: synthetic DNA  
US-08-478-341-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAAA 3754  
DB 22 GAGCTCGTTAAACAGATCTCAA 2

## RESULT 1149

US-08-465-590-121/c  
Sequence 121, Application US/08465590  
Patent No. 5824770  
GENERAL INFORMATION:  
APPLICANT: Georgopoulos, Katia A.  
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE  
NUMBER OF SEQUENCES: 164  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 STATE STREET, Suite 510  
CITY: BOSTON  
STATE: MASSACHUSETTS  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII (text)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,590  
FILING DATE: 05-JUN-1995

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/238,212  
FILING DATE: 02-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/121,438  
FILING DATE: 14-SEP-1993

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/946,233  
FILING DATE: 14-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Myers, Paul L.  
REGISTRATION NUMBER: 35,695  
REFERENCE/DOCKET NUMBER: MPG-006C2DV

TELEPHONE: (617) 227-7400  
TELEFAX: (617) 227-5941  
INFORMATION FOR SEQ ID NO: 121:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-465-590-121

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5690 TACCACCTGTTTGCCTTCCTT 5710  
DB 21 TTCCCTGTTTGGTTTCCTT 1

## RESULT 1150

US-08-457-273B-30  
Sequence 30, Application US/08457273B  
Patent No. 5849995  
GENERAL INFORMATION:  
APPLICANT: Hayden, Michael  
APPLICANT: Lin, Biaoyang  
APPLICANT: Nasir, Jamal  
TITLE OF INVENTION: Mouse Model for Huntington's Disease and  
Related DNA Sequences  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Virginia Bennett  
STREET: PO Box 37428  
CITY: Raleigh

```

; STATE: No. 5849995th Carolina
; COUNTRY: US
; ZIP: 27627
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,273B
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Virginia C.
; REGISTRATION NUMBER: 37,092
; REFERENCE/DOCKET NUMBER: 3477-85A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-854-1400
; TELEFAX: 919-854-1401
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-273B-30

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5462 TCTTACTCTGATTTTTTGTGA 5482
Db 1 TTTTCTCTGTTTTTGTGA 21

RESULT 1151
US-08-910-484-4/c
; Sequence 4, Application US/08910484
; Patent No. 5914244
; GENERAL INFORMATION:
; APPLICANT: Cosen, Donald M.
; ATTORNEY/AGENT INFORMATION:
; NAME: He, Zuwen
; TITLE OF INVENTION: UL97 FUSION PROTEINS AND METHODS OF USE
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,484
; FILING DATE: 25-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/022,888
; FILING DATE: 25-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 00246/202001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 4:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; US-08-910-484-4

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 109 CGAGCCCGCGCGGATCCCG 129
Db 21 CGGCCCGCGCGGATCCGG 1

RESULT 1152
US-08-766-982-8/c
; Sequence 8, Application US/08766982
; Patent No. 5948992
; GENERAL INFORMATION:
; APPLICANT: Wahl, Robert C.
; TITLE OF INVENTION: Analogs of Macrophage Stimulating
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 Behavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,982
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-441
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-766-982-8

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2826 TTCCAGCCCGGAGCTGTG 2846
Db 21 TTCCAGGACCCAGCGTTGTG 1

RESULT 1153
US-08-962-790-2/c
; Sequence 2, Application US/08962790
; Patent No. 6043035
; GENERAL INFORMATION:
; APPLICANT: BERTINA, ROGIER M.
; APPLICANT: POORT, SWIBERTUS R.
; APPLICANT: ROSENDAAL, FRITS R.
; APPLICANT: REITSMA, PIETER H.
; TITLE OF INVENTION: A METHOD FOR DETERMINING A RISK FACTOR FOR THROMBOSIS

```

FILE REFERENCE: T/97317  
CURRENT APPLICATION NUMBER: US/08/962.790  
CURRENT FILING DATE: 1997-11-03  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 2  
LENGTH: 22  
TYPE: DNA  
ORGANISM: human  
US-08-962-790-2

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5842 GCTGCAATGATCCCACTGTTA 5862  
Db 22 GCTTCATGCTCCAGTGCTA 2

RESULT 1154  
US-08-966-733-5/c  
Sequence 5, Application US/08996733  
Patent No. 6074854  
GENERAL INFORMATION:  
APPLICANT: DEWEER, PHILIPPE  
APPLICANT: AMORY, ANTOINE  
TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH  
PRODUCE IT, PROCESSES FOR THE PREPARATION OF THIS  
TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Genencor International, Inc.  
STREET: 925 Page Mill Road  
CITY: Palo Alto,  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/996,733  
FILING DATE: 23-DEC-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/472,293  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/174,893  
FILING DATE: 28-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: BE 09301278  
FILING DATE: 19-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: BE 09300744  
FILING DATE: 15-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: BE 09201156  
FILING DATE: 28-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Debra J. Glaister, Esq.  
REGISTRATION NUMBER: 33,888  
REFERENCE/DOCKET NUMBER: GC446C1-US  
TELEPHONE: (650) 846-7620  
TELEFAX: (650) 845-6504  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid (other);  
DESCRIPTION: synthetic DNA  
US-08-996-733-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCACAA 3754  
Db 22 GAGCTGTTAACAGATCTCAA 2

RESULT 1155  
US-08-781-891-81  
Sequence 81, Application US/08781891  
Patent No. 6090620  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
APPLICANT: Yu, Chang-En  
APPLICANT: Oshima, Junko  
APPLICANT: Mulligan, John T.  
APPLICANT: Scheilenberg, Gerald D.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
WERNER'S SYNDROME  
NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED AND BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/781,891  
FILING DATE: 27-DEC-1996  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6090620tenburg Ph.D., Carol  
REGISTRATION NUMBER: 39,317  
REFERENCE/DOCKET NUMBER: 240052.419  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 81:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-781-891-81

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7337 AGCTGTACTTGTCCAGTCCA 7357  
Db 1 AGATGTACTTGGCCATCCA 21

RESULT 1156  
US-08-781-891-88  
Sequence 88, Application US/08781891  
Patent No. 6090620  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui

```

; APPLICANT: Yu, Chang-En
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; TITLE OF INVENTION: WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,891
; FILING DATE: 27-DEC-1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6090620tenburg Ph.D., Carol
; REGISTRATION NUMBER: 39,317
; REFERENCE/DOCKET NUMBER: 240052.419
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 88:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-781-891-88

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4149 CTGATTGTCTCTGACCTGG 4169
DB 2 CTGATTGTGTCTAGCCTGG 22

RESULT 1157
US-09-010-641-5/c
; Sequence 5, Application US/09010641
; Patent No. 6121023
; GENERAL INFORMATION:
; APPLICANT: ROMANO, JOSEPH W.
; APPLICANT: SHURLIFF, ROXANNE
; APPLICANT: WILLIAMS, KIMBERLY G.
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION BASED ASSAY FOR
; TITLE OF INVENTION: THE DETECTION AND QUANTIFICATION OF CHEMOKINES RANTES,
; TITLE OF INVENTION: MIP-1ALPHA AND MIP-1BETA
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AKZO NOBEL PATENT DEPARTMENT
; STREET: 1300 PICCARD DRIVE, SUITE 206
; CITY: ROCKVILLE
; STATE: MARYLAND
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/010,641

```

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; FILING DATE: 22-JAN-1998
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KLESNER, SHARON N.
; REGISTRATION NUMBER: 36,335
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-948-7400
; TELEFAX: 301-948-9751
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-010-641-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 690 CCTGATGTGGCATGAGGCA 710
DB 21 CCTGATGTGGCACGGGCA 1

RESULT 1158
US-09-147-923-7
; Sequence 7, Application US/09147923
; Patent No. 6146863
; GENERAL INFORMATION:
; APPLICANT: Palmer, Leslie M.
; APPLICANT: Pratt, Julie M.
; APPLICANT: Hodgson, John E.
; APPLICANT: Beattie, David T.
; APPLICANT: Lowe, Adrian M.
; APPLICANT: Lonetto, Michael A.
; APPLICANT: Nicholas, Richard O.
; APPLICANT: Deresiewicz, Robert L.
; TITLE OF INVENTION: hcd
; FILE REFERENCE: GM10104
; CURRENT APPLICATION NUMBER: US/09/147,923
; CURRENT FILING DATE: 1999-03-18
; EARLIER APPLICATION NUMBER: 60/060,983
; EARLIER FILING DATE: 1997-10-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Staphylococcus aureus
; US-09-147-923-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2158 ATCCAATTCACAGTCCACC 2178
DB 1 AGCCATTCTGCAAGGCCACC 21

RESULT 1159
US-08-275-526C-19/c
; Sequence 19, Application US/08275526C
; Patent No. 6180382
; GENERAL INFORMATION:
; APPLICANT: DE BUYL, ERIC
; APPLICANT: LAHAYE, ANDR E
; APPLICANT: LEDOUX, PIERRE
; APPLICANT: AMORY, ANTOINE
; APPLICANT: DETROZ, REN
; APPLICANT: ANDRE, CHRISTOPHE

```



APPLICANT: VETTER, ROMAN  
TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,  
TITLE OF INVENTION: EXPRESSION VECTORS FOR SUCH XYLANASE AND  
TITLE OF INVENTION: OTHER PROTEINS, HOST ORGANISMS THEREFOR AND  
TITLE OF INVENTION: USE THEREOF  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.  
STREET: 2000 K St., N.W., Suite 200  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20006  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/275,526C  
FILING DATE: 15-JUL-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Gadiano, Wilhem F.  
REGISTRATION NUMBER: 37,136  
REFERENCE/DOCKET NUMBER: 4121-49  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 429-0625  
TELEFAX: (202) 293-0625  
TELEX: 650 383 5605  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)  
US-08-275-526C-19

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCACAA 3754  
||||| ||||| ||||| ||||| |||||  
Db 22 GAGCTGTTACAGATCTCAA 2

RESULT 1160  
US-08-927-219-64/c  
Sequence 64, Application US/08927219  
Patent No. 6187533  
GENERAL INFORMATION:  
APPLICANT: Bell, Graeme I.  
APPLICANT: Yamagata, Kazuya  
APPLICANT: Oda, Naohisa  
APPLICANT: Kaiseki, Pamela J.  
APPLICANT: Furuta, Hiroto  
APPLICANT: Horikawa, Yukio  
APPLICANT: Menzel, Stephen  
TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY  
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA  
TITLE OF INVENTION: AND HNF-4ALPHA  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/927,219  
FILING DATE: Concurrently Herewith  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,679  
FILING DATE: 30-OCT-1996  
PRIOR APPLICATION DATA: US 60/028,056  
FILING DATE: 02-OCT-1996  
APPLICATION NUMBER: US 60/025,719  
FILING DATE: 10-SEP-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Wilson, Mark B.  
REGISTRATION NUMBER: 37,259  
REFERENCE/DOCKET NUMBER: ARCD:272  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/418-3000  
TELEFAX: 512/474-7577  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-927-219-64

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4513 CAGGACTGGAGAGGTGGTGG 4533  
||||| ||||| ||||| ||||| |||||  
Db 21 CAGGGATGGAGTAGGGGTGG 1

RESULT 1161  
US-09-356-281-5/c  
Sequence 5, Application US/09356281  
Patent No. 6218154  
GENERAL INFORMATION:  
APPLICANT: ROMANO, JOSEPH W.  
APPLICANT: SHUTLIFF, ROXANNE  
APPLICANT: WILLIAMS, KIMBERLY G.  
TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION BASED ASSAY FOR  
TITLE OF INVENTION: THE DETECTION AND QUANTIFICATION OF CHEMOKINES RANTES,  
TITLE OF INVENTION: MIP-1ALPHA AND MIP-1BETA  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: AKZO NOBEL PATENT DEPARTMENT  
STREET: 1300 PICCARD DRIVE, SUITE 206  
CITY: ROCKVILLE  
STATE: MARYLAND  
COUNTRY: USA  
ZIP: 20850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/356,281  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA: 09/010,641  
APPLICATION NUMBER: 22-JAN-1998  
FILING DATE: 22-JAN-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: KLESNER, SHARON N.

REGISTRATION NUMBER: 36,335  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 301-948-7400  
TELEFAX: 301-948-9751  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-356-281-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 690 CCTGGATGGCCATGAGCA 710  
DB 21 CCTGTATGGGACGGGCA 1

## RESULT 1162

US-08-711-417C-121/c  
Sequence 121, Application US/08711417C  
Patent No. 6228611

GENERAL INFORMATION:  
APPLICANT: Georgopoulos, Katia A.  
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE  
NUMBER OF SEQUENCES: 202  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/711,417C  
FILING DATE: 05-Sep-1996

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/238,212  
FILING DATE: 02-MAY-1994  
APPLICATION NUMBER: 08/121,438  
FILING DATE: 14-SEP-1993  
APPLICATION NUMBER: 07/946,233  
FILING DATE: 14-SEP-1992

ATTORNEY/AGENT INFORMATION:  
NAME: Myers, Louis P.  
REGISTRATION NUMBER: 35,965  
REFERENCE/DOCKET NUMBER: 10287/007001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/542-5070  
TELEFAX: 617/542-8906  
TELEX: 200154

INFORMATION FOR SEQ ID NO: 121:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 121:

US-08-711-417C-121  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5690 TACCACTGTTTTCCTTCCTT 5710  
DB 21 TTCCCTGTTTGTTCCTT 1

## RESULT 1163

US-09-018-584A-95/c  
Sequence 95, Application US/09018584A  
Patent No. 6238863

GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/018,584A  
FILING DATE: 04-Feb-1998

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026.9180

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 95:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear

US-09-018-584A-95  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2861 AGGAAGCAAGGAGGAGGAGG 2881  
DB 22 AGAAGCAAGCAGGTGCAGG 2

## RESULT 1164

US-09-296-219-8/c  
Sequence 8, Application US/09296219  
Patent No. 6248560

GENERAL INFORMATION:  
APPLICANT: Wahl, Robert C.  
TITLE OF INVENTION: Analogs of Macrophage Stimulating  
Protein  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Amgen Inc.  
STREET: 1840 Dehavilland Drive  
CITY: Thousand Oaks  
STATE: California  
COUNTRY: USA  
ZIP: 91320-1789

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/296,219  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Winter, Robert B.  
REFERENCE/DOCKET NUMBER: A-441  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-296-219-8

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2826 TTCCAGCCGCCGAGCTGTG 2846  
|||||  
DB 21 TTCCAGGACCCAGGCGTTGTG 1

RESULT 1165  
US-09-277-078-21  
Sequence 21, Application US/09277078  
Patent No. 6312949  
GENERAL INFORMATION:  
APPLICANT: Sakurada, Kazuhiro  
APPLICANT: Palmer, Theo  
APPLICANT: Gage, Fred H.  
TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE  
TITLE OF INVENTION: EXPRESSION  
FILE REFERENCE: 07251/031001  
CURRENT APPLICATION NUMBER: US/09/277,078  
CURRENT FILING DATE: 1999-03-26  
NUMBER OF SEQ ID NOS: 60  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 21  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide for PCR  
US-09-277-078-21

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6583 CATGTGTAACACAGGTTG 6603  
|||||  
DB 1 CATGTGTGACCAAGGTTG 21

RESULT 1166  
US-08-481-659C-20  
Sequence 20, Application US/08481659C  
Patent No. 6333407  
GENERAL INFORMATION:  
APPLICANT: KOHMI-SHIGEMATSU, TERUMI  
APPLICANT: KOHMI, YOSHINORI  
APPLICANT: DICKINSON, LILIANE A.  
TITLE OF INVENTION: Matrix-Associated DNA-Binding Protein,  
TITLE OF INVENTION: Nucleic Acids Encoding the Same and Methods for Detecting  
TITLE OF INVENTION: the Nucleic Acids

NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/481,659C  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/934,034  
FILING DATE: 21-AUG-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LJ 1651  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-481-659C-20

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7211 CTTTAGTTTCTAAACTTTT 7231  
|||||  
DB 2 CTTTAATTTCTAATATATTTA 22

RESULT 1167  
US-09-383-316-108  
Sequence 108, Application US/09383316  
Patent No. 6391551  
GENERAL INFORMATION:  
APPLICANT: Shultz, John W.  
APPLICANT: Lewis, Martin K.  
APPLICANT: Lieppe, Donna  
APPLICANT: Mandrekar, Michelle  
APPLICANT: Kephart, Daniel  
APPLICANT: Rhodes, Richard B.  
APPLICANT: Andrews, Christine A.  
APPLICANT: Hartnett, James R.  
APPLICANT: Gu, Trent  
APPLICANT: Olson, Ryan J.  
APPLICANT: Wood, Keith W.  
APPLICANT: Welch, Roy  
TITLE OF INVENTION: Nucleic Acid Detection  
FILE REFERENCE: PRO-104 6868/75529  
CURRENT APPLICATION NUMBER: US/09/383,316  
CURRENT FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/252,436  
PRIOR FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: 09/042,287  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 09/358,972  
PRIOR FILING DATE: 1999-07-21  
NUMBER OF SEQ ID NOS: 123

; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 108  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: amplification  
; OTHER INFORMATION: primer  
US-09-383-316-108

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGATCCTGACGTAC 2559  
||||| ||||| ||||| ||||| |||||

Db 2 GAGCTGCAGATGCTGACCAAC 22

RESULT 1168  
US-09-462-569B-3  
; Sequence 3, Application US/09462569B  
; Patent No. 6392124  
; GENERAL INFORMATION:  
; APPLICANT: PONZ ASCASO, Fernando  
; APPLICANT: TORRES PASCUAL, Vicente  
; APPLICANT: SANCHEZ SANCHEZ, Florentina  
; APPLICANT: MARTINEZ HERRERA, David  
; TITLE OF INVENTION: INFECTIOUS VECTORS AND CLONES OF PLANTS DERIVED FROM  
; FILE REFERENCE: P/613-110  
; CURRENT APPLICATION NUMBER: US/09/462,569B  
; PRIOR FILING DATE: 2000-04-03  
; PRIOR APPLICATION NUMBER: PCT/ES98/00200  
; PRIOR FILING DATE: 1998-07-09  
; PRIOR APPLICATION NUMBER: ES P 9701522  
; PRIOR FILING DATE: 1997-07-09  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
; OTHER INFORMATION: construct  
US-09-462-569B-3

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 296 GCATTGGCACTGTGGGGAAC 316  
||||| ||||| ||||| ||||| |||||

Db 2 GCAATGGCATTGGTGGGAAC 22

RESULT 1169  
US-09-076-677-19/c  
; Sequence 19, Application US/09076677  
; Patent No. 6423523  
; GENERAL INFORMATION:  
; APPLICANT: DE BUYL, ERIC  
; LAHAYE, ANDRE  
; LEDOUX, PIERRE  
; AMORY, ANTOINE  
; DETROZ, RENE  
; ANDRE, CHRISTOPHE  
; VETTER, ROMAN  
; TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,  
; EXPRESSION VECTORS FOR SUCH XYLANASE AND  
; OTHER PROTEINS, HOST ORGANISMS THEREFOR AND  
; USE THEREOF

NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.  
STREET: 2000 K St., N.W., Suite 200  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20006  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA: US/09/076,677  
APPLICATION NUMBER: US/09/076,677  
FILING DATE: 12-May-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/275,526  
FILING DATE: 15-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Gadiano, Wilhem F.  
REGISTRATION NUMBER: 37,136  
REFERENCE/DOCKET NUMBER: 4121-49  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 429-0625  
TELEFAX: (202) 293-0625  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)  
SEQUENCE DESCRIPTION: SEQ ID NO: 19:  
US-09-076-677-19

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAAA 3754  
||||| ||||| ||||| ||||| |||||

Db 22 GAGCTCGTTACAGATCTCAA 2

RESULT 1170  
US-09-073-055-19/c  
; Sequence 19, Application US/09073055  
; Patent No. 6426211  
; GENERAL INFORMATION:  
; APPLICANT: DE BUYL, ERIC  
; LAHAYE, ANDR E  
; LEDOUX, PIERRE  
; AMORY, ANTOINE  
; DETROZ, REN  
; ANDRE, CHRISTOPHE  
; VETTER, ROMAN  
; TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,  
; EXPRESSION VECTORS FOR SUCH XYLANASE AND  
; OTHER PROTEINS, HOST ORGANISMS THEREFOR AND  
; USE THEREOF

NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LTONE, P.C.  
STREET: 2000 K St., N.W., Suite 200  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20006  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,055  
FILING DATE: 05-May-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/275,526  
FILING DATE: 15-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Gadiano, Wilhem F.  
REGISTRATION NUMBER: 37,136  
REFERENCE/DOCKET NUMBER: 4121-49  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 429-0625  
TELEFAX: (202) 293-0625  
TELEX: 650 383 5605  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)  
SEQUENCE DESCRIPTION: SEQ ID NO: 19:  
US-09-073-055-19

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCACAA 3754  
||||| ||||| ||||| ||||| |||||  
DB 22 GAGCTGTTAACAGATCTCAA 2

RESULT 1171  
US-09-673-809-10/c  
Sequence 10, Application US/09673809  
Patent No. 6528261  
GENERAL INFORMATION:  
APPLICANT: INNOGENETICS N.V.  
TITLE OF INVENTION: Method for typing of HLA alleles.  
FILE REFERENCE: PCT99.86 HLA  
CURRENT APPLICATION NUMBER: US/09/673,809  
CURRENT FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 98870088.6  
PRIOR FILING DATE: 1998-04-20  
NUMBER OF SEQ ID NOS: 107  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 10  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-673-809-10

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1611 GAACCTTCACAGACGAGTCGG 1631  
||||| ||||| ||||| ||||| |||||  
DB 22 GAGCTTCACAGTCAGCGGCG 2

RESULT 1172  
US-09-589-462-7/c  
Sequence 7, Application US/09589462  
Patent No. 6555328  
GENERAL INFORMATION:  
APPLICANT: Aventis Pharmaceuticals Inc.  
APPLICANT: Keesler, George A.

APPLICANT: Cesare, Mondadori  
APPLICANT: Zhengbin, Yao  
APPLICANT: Fernando, Camacho  
TITLE OF INVENTION: Screening Methods for Altering Circadian Rhythms and for Human Clock  
TITLE OF INVENTION: Kinase I Sigma and/or Epsilon Phosphorylation of Human Clock  
FILE REFERENCE: 1, -2 and -3  
CURRENT APPLICATION NUMBER: US/09/589,462  
CURRENT FILING DATE: 2000-06-07  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 7  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Rattus rattus  
US-09-589-462-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3239 TTTTGGAGGCGCTTAATCAGA 3259  
||||| ||||| ||||| ||||| |||||  
DB 21 TTCTCAGCAGCCTTAACCGA 1

RESULT 1173  
US-09-454-495-7  
Sequence 7, Application US/09454495  
Patent No. 6576759  
GENERAL INFORMATION:  
APPLICANT: Reddy, Gurucharan  
APPLICANT: Zeng, Hong  
APPLICANT: Vallerga, Anne  
APPLICANT: Zarling, David A.  
TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51  
FILE REFERENCE: A-67649-1/RMS/DAV/JJD  
CURRENT APPLICATION NUMBER: US/09/454,495  
CURRENT FILING DATE: 1999-12-06  
PRIOR APPLICATION NUMBER: 60/119,578  
PRIOR FILING DATE: 1999-02-10  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 7  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic.  
US-09-454-495-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3477 CCCTAGTAATCTTAAGGCAC 3497  
||||| ||||| ||||| ||||| |||||  
DB 1 CCCAAGTCATCTCTAAGGCAC 21

RESULT 1174  
US-09-618-166-81  
Sequence 81, Application US/09618166  
Patent No. 6583112  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
Yu, Chang-En  
Oshima, Junko  
Mulligan, John T.  
Schellenberg, Gerald D.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
WERNER'S SYNDROME  
NUMBER OF SEQUENCES: 209



```
; SEQ ID NO 25
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-25

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 2 AATGAGGGGCTGGAATAGTG 22

RESULT 1178
US-09-180-245-27
; Sequence 27, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1999-03-11
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-27

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 2 AATGAGGGGCTGGAATAGTG 22

RESULT 1179
US-09-180-245-29
; Sequence 29, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1999-03-11
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-29
```

```
Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 2 AATGAGGGGCTGGAATAGTG 22

RESULT 1180
US-09-180-245-31
; Sequence 31, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-31

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 1 AATGAGGGGCTGGAATAGTG 21

RESULT 1181
US-09-180-245-33
; Sequence 33, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-33

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 1 AATGAGGGGCTGGAATAGTG 21

RESULT 1182
US-09-180-245-33
; Sequence 33, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-33

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 1 AATGAGGGGCTGGAATAGTG 21
```

```
Db      1  AATGAGGGCTGGAATAAGTG 21

RESULT 1182
US-09-180-245-35
; Sequence 35, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; CURRENT FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-35

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3201  TGAGGGGCTTGAGAAAGTGGG 3221
          ||||| ||| ||| ||| |||
Db      2  TGAGGGGCTGGAATAAGTGAG 22

RESULT 1183
US-09-180-245-37
; Sequence 37, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; CURRENT FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-37

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3201  TGAGGGGCTTGAGAAAGTGGG 3221
          ||||| ||| ||| ||| |||
Db      2  TGAGGGGCTGGAATAAGTGAG 22

RESULT 1184
US-09-723-909-121/c
; Sequence 121, Application US/09723909
; Patent No. 6630141

; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 202
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/723,909
; FILING DATE: 28-No. 6630141-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/711,417
; FILING DATE: 05-Sep-1996
; APPLICATION NUMBER: 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: 08/121,438
; FILING DATE: 14-SEP-1993
; APPLICATION NUMBER: 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Louis P.
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: 10287/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 121:
US-09-723-909-121

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5690  TACCACTGTTTGGCTTCCTT 5710
          ||| ||||| ||||| |||||
Db      21  TTCCCTGTTTGGTTTCCTT 1

RESULT 1185
PCT-US93-08743-121/c
; Sequence 121, Application PC/TUS9308743
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 152
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08743
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 946,233
; FILING DATE: 14-SEP-1992
; TELECOMMUNICATION INFORMATION:
```



TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 121:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
PCT-US93-08743-121

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.9e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5690 TACCACTGTTTGCCTTCCTT 5710  
DB 21 TTCCCTGTTTGGTTTCCTT 1

RESULT 1186  
US-09-866-108A-13467  
Sequence 13467, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 13467  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-13467

Query Match 0.2%; Score 14.6; DB 1; Length 25;  
Best Local Similarity 81.0%; Pred. No. 2.2e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1412 AGGATCAGTCGCGAGGTGA 1432  
DB 2 AGGATGACCTGAATGAGCTGA 22

RESULT 1187  
US-08-771-781-2/c  
Sequence 2, Application US/08771781  
Patent No. 6027886  
GENERAL INFORMATION:  
APPLICANT: LEVING, Hermann  
APPLICANT: HINZPETER, Matthias  
APPLICANT: WITTOR, Heiko  
APPLICANT: FRITTON, Hans-Peter  
TITLE OF INVENTION: METHOD FOR THE QUANTITATIVE  
DETECTION OF SPECIFIC NUCLEIC ACID SEQUENCES  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP  
STREET: 655 Fifteenth Street N.W. Suite 330  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-5701  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/771,781  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE 195 48 680.3  
FILING DATE: 23-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Murray, Robert B.  
REGISTRATION NUMBER: 22,980  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)638-5000  
TELEFAX: (202)638-4810  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleotide  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
US-08-771-781-2

Query Match 0.2%; Score 14.6; DB 1; Length 30;  
Best Local Similarity 81.0%; Pred. No. 2.7e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4019 GAAAAAGAGAGAAAAACAAA 4039  
DB 21 GAAAAAAGAAAAAAGAAAAA 1

RESULT 1188  
US-09-479-005A-70  
Sequence 70, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MBH00-884-C  
CURRENT APPLICATION NUMBER: US/09/479,005A  
CURRENT FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22

; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 70  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-70

Query Match 0.2%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 43.8%; Pred. No. 1.1e+03;  
Matches 7; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 4599 TTTTCTCTGCCCCA 4514  
Db 1 UUUUUUCCGCUCCA 16

RESULT 1189  
US-08-373-124A-736/c  
; Sequence 736, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 736:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-373-124A-736  
Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAGAGATAATTTT 5496  
Db 17 TAAAAATAATAATTTT 2

RESULT 1191

Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5659 ATCCTCTTAGTTGGGT 5674  
Db 16 ATCCTTTTAGTTGGGT 1

RESULT 1190  
US-08-373-124A-972/c  
; Sequence 972, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 972:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-373-124A-972  
Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAGAGATAATTTT 5496  
Db 17 TAAAAATAATAATTTT 2

RESULT 1191

US-08-373-124A-1965  
; Sequence 1965, Application US/08373124A  
; Patent No. 5646042

; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373.124A  
; FILING DATE: January 13, 1995

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1965:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-373-124A-1965  
Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 1.3e+03;  
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 3477 CCTAGTATACCTAA 3492  
DB 2 CCCAAGUAUACUAA 17  
|||||:|:|:|:|:|:|

RESULT 1192  
US-08-373-124A-2053/c  
; Sequence 2053, Application US/08373124A  
; Patent No. 5646042

; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373.124A  
; FILING DATE: January 13, 1995

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2053:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-373-124A-2053  
Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAGAGATAATTTT 5496  
DB 17 TAAAGATATAATTTT 2  
|||||:|:|:|:|:|:|

RESULT 1193  
US-08-373-124A-2143  
; Sequence 2143, Application US/08373124A  
; Patent No. 5646042

; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California

APPLICATION NUMBER: US/08/373,124A  
 FILING DATE: January 13, 1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 2145:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-373-124A-2145

Query Match 0.2%; Score 14.4; DB 1;  
Best Local Similarity 18.8%; Pred. No. 1.3e+03;  
Matches 3; Conservative 12; Mismatches 1; Indels

Qy 4461 GACTTTTITTTTTT 4476  
|||::: :::::  
Db 1 GACUUUUUUUUUU 16

RESULT 1195  
US-08-435-628-736/c  
; Sequence 736, Application US/08435628  
; Patent No. 5817796

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Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 18.8%; Pred. No. 1.3e+03;
Matches 3: Conservative 12; Mismatches 1; Indels 0; Gaps 0;
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4461 GACTTTT TTTT TTTT 4476
      ||| : : : : :
      2 GACUUUU UUUUUU 17

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RESULT 1194  
 5-08-373-124A-2145  
 Sequence 2145, Application US/08373124A  
 Patent No. 5846042  
 GENERAL INFORMATION:  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwiggen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TREATMENT OF RESTENOSIS AND  
 TITLE OF INVENTION: CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627  
 CORRESPONDENCE ADDRESS:

COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION NAME: US/08/373,124A  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2143:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
308-373-124A-2143

/ FILING DATE: February 7, 1994  
/ APPLICATION NUMBER: 07/987,132  
/ FILING DATE: December 7, 1992  
/ APPLICATION NUMBER: 07/936,422  
/ FILING DATE: August 26, 1992  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 209/035  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440  
/ TELEX: 67-3510  
/ INFORMATION FOR SEQ ID NO: 736:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 17 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-435-628-736

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5659 ATCCTCTTAGTGGGT 5674  
Db 16 ATCCTTTAGTGGGT 1

RESULT 1196  
US-08-435-628-972/c  
/ Sequence 972, Application US/08435628  
/ Patent No. 5817796  
/ GENERAL INFORMATION:  
/ APPLICANT: Stinchcomb, Dan T.  
/ APPLICANT: Draper, Kenneth  
/ APPLICANT: McSwiggen, James  
/ APPLICANT: Jarvis, Thale  
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
/ TITL OF INVENTION: TREATMENT OF RESTENOSIS AND  
/ TITLE OF INVENTION: CANCER USING RIBOZYMES  
/ NUMBER OF SEQUENCES: 2627  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Lyon & Lyon  
/ STREET: 633 West Fifth Street  
/ STREET: Suite 4700  
/ CITY: Los Angeles  
/ STATE: California  
/ COUNTRY: U.S.A.  
/ ZIP: 90071  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/ MEDIUM TYPE: storage  
/ COMPUTER: IBM Compatible  
/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
/ SOFTWARE: Word Perfect 5.1  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/435,628  
/ FILING DATE: 05-MAY-1995  
/ CLASSIFICATION: 514  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/373,124  
/ FILING DATE: January 13, 1995  
/ APPLICATION NUMBER: 08/245,466  
/ FILING DATE: May 18, 1994  
/ APPLICATION NUMBER: 08/192,943  
/ FILING DATE: February 7, 1994  
/ APPLICATION NUMBER: 07/987,132  
/ FILING DATE: December 7, 1992  
/ APPLICATION NUMBER: 07/936,422  
/ FILING DATE: August 26, 1992  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 209/035  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440

/ NAME: Warburg, Richard  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 209/035  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440  
/ TELEX: 67-3510  
/ INFORMATION FOR SEQ ID NO: 972:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 17 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-435-628-972

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5481 TAAAAAGATAATTTT 5496  
Db 17 TAAAAATATAATTTT 2

RESULT 1197  
US-08-435-628-1965  
/ Sequence 1965, Application US/08435628  
/ Patent No. 5817796  
/ GENERAL INFORMATION:  
/ APPLICANT: Stinchcomb, Dan T.  
/ APPLICANT: Draper, Kenneth  
/ APPLICANT: McSwiggen, James  
/ APPLICANT: Jarvis, Thale  
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
/ TITL OF INVENTION: TREATMENT OF RESTENOSIS AND  
/ TITLE OF INVENTION: CANCER USING RIBOZYMES  
/ NUMBER OF SEQUENCES: 2627  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Lyon & Lyon  
/ STREET: 633 West Fifth Street  
/ STREET: Suite 4700  
/ CITY: Los Angeles  
/ STATE: California  
/ COUNTRY: U.S.A.  
/ ZIP: 90071  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/ MEDIUM TYPE: storage  
/ COMPUTER: IBM Compatible  
/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
/ SOFTWARE: Word Perfect 5.1  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/435,628  
/ FILING DATE: 05-MAY-1995  
/ CLASSIFICATION: 514  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/373,124  
/ FILING DATE: January 13, 1995  
/ APPLICATION NUMBER: 08/245,466  
/ FILING DATE: May 18, 1994  
/ APPLICATION NUMBER: 08/192,943  
/ FILING DATE: February 7, 1994  
/ APPLICATION NUMBER: 07/987,132  
/ FILING DATE: December 7, 1992  
/ APPLICATION NUMBER: 07/936,422  
/ FILING DATE: August 26, 1992  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 209/035  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440

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; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1965:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-1965

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.3e+03;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 3477 CCTAGTAACTACTAA 3492
DB 2 CCCAGUAUAUCUAA 17

RESULT 1198
US-08-435-628-2053/c
; Sequence 2053, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2053:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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; TOPOLOGY: linear
; US-08-435-628-2053

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAAAGATAATTTT 5496
DB 17 TAAAAATATAATTTT 2

RESULT 1199
US-08-435-628-2143
; Sequence 2143, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2143

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 18.8%; Pred. No. 1.3e+03;
Matches 3; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

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QY 4461 GACTTTTITTTTTT 4476  
| | | | | : : : : :  
Db 2 GACUUUUUUUUUU 17

RESULT 1200  
US-08-435-628-2145  
; Sequence 2145, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2145:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-435-628-2145

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 18.8%; Pred. No. 1.3e+03;  
Matches 3; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 4461 GACTTTTITTTTTT 4476  
| | | | | : : : : :  
Db 1 GACUUUUUUUUUU 16

RESULT 1201  
US-08-584-040-2740  
; Sequence 2740, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2740:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-2740

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 1.3e+03;  
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 3966 AATATTTCCTAACTGG 3981  
| | | | | : : : : :  
Db 2 AAUAUUUUUUUUU 17

RESULT 1202  
US-08-584-040-2741  
; Sequence 2741, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS





Db 16 GGCATGTTGGTGGTG 1

## RESULT 1205

US-09-371-772B-1264  
; Sequence 1264, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371.772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1264  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1264

Query Match 0.2%; Score 14.4; DB 1; Length 17;

Best Local Similarity 50.0%; Pred. No. 1.3e+03;

Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 3966 AATATTCCTTAACGG 3981

Db 2 AAUAUUUCUAAUUGG 17

## RESULT 1206

US-09-371-772B-1265  
; Sequence 1265, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371.772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1265  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1265

Query Match 0.2%; Score 14.4; DB 1; Length 17;

Best Local Similarity 50.0%; Pred. No. 1.3e+03;

Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 3967 AATATTCCTTAACGG 3982

Db 1 AAUAUUUCUAAUUGG 16

## RESULT 1207

US-09-371-772B-1409/c  
; Sequence 1409, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371.772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1409  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1409

Query Match 0.2%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3324 GATGTTTAAATCGGTT 3339

Db 16 GATGTTTAAACGGTT 1

## RESULT 1208

US-09-866-108A-2192/c  
; Sequence 2192, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: Ji, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663

```
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2192
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2192
```

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Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 265 CAGCAGGTGTTCCAGG 280
Db 17 CACCAGGTGTTCCAGG 2
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RESULT 1209
US-09-866-108A-2193/c
; Sequence 2193, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 2193
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2193
```

```
Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 265 CAGCAGGTGTTCCAGG 280
Db 16 CACCAGGTGTTCCAGG 1
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```
RESULT 1210
US-09-866-108A-2668/c
; Sequence 2668, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2668
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2668
```

```
Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3878 CCGCGCCCGCCAGGT 3893
Db 17 CCGCGCGCGCCAGGT 2
```

```
RESULT 1211
US-09-866-108A-2669/c
; Sequence 2669, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2669
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2669

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3878 CCGCGCCGCCGAGGT 3893
DB 16 CCGCGCGGCCGAGGT 1

RESULT 1212
US-09-866-108A-7981/c
; Sequence 7981, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2669
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2669

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3878 CCGCGCCGCCGAGGT 3893
DB 16 CCGCGCGGCCGAGGT 1
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; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7981
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7981

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4951 TTTTTCCTGCTGGCT 4966
DB 17 TGTTCCTGCTGGCT 2

RESULT 1213
US-09-866-108A-7982/c
; Sequence 7982, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7982
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7982

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4951 TTTTTCCTGCTGGCT 4966
DB 17 TGTTCCTGCTGGCT 2
```

Db 16 TGTTCCTGCTGGCT 1

RESULT 1214  
US-08-488-212A-51  
; Sequence 51, Application US/08488212A  
; Patent No. 5665355  
; GENERAL INFORMATION:  
; APPLICANT: Primi, Daniele  
; TITLE OF INVENTION: Diagnosis and Treatment of  
; TITLE OF INVENTION: AIDS Onset  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Thomas E. Popovich, Thomas  
; ADDRESSEE: Popovich & Associates  
; STREET: 80 South 8th Street  
; CITY: Minneapolis  
; STATE: Minnesota  
; COUNTRY: USA  
; ZIP: 55402-2111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible Compaq Prolinea  
; COMPUTER: 4/66  
; OPERATING SYSTEM: MS-DOS Version 5  
; SOFTWARE: Microsoft Word for Windows  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/488,212A  
; FILING DATE: 07-Jun-1995  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/973,485  
; FILING DATE: No. 5665355ember 9, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Thomas E. Popovich  
; REGISTRATION NUMBER: 30099  
; REFERENCE/DOCKET NUMBER: 3678  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (612) 334-8991  
; TELEFAX: (612) 334-8994  
; INFORMATION FOR SEQ ID NO: 51:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 bases  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; MOLECULE TYPE: Other nucleic acid  
; MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
; MOLECULE TYPE: Va region)  
; HYPOTHETICAL: No  
; ORIGINAL SOURCE: Synthesized using  
; ORIGINAL SOURCE: oligonucleotide synthesis machine  
; PUBLICATION INFORMATION:  
; AUTHORS: Imberti, Luisa; Sottini,  
; AUTHORS: Alessandra; Betinardi, Alessandra; Puoti, Massimo; Primi,  
; AUTHORS: Daniele  
; TITLE: Selective Depletion in HIV Infection  
; TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
; JOURNAL: Science  
; VOLUME: 254  
; ISSUE: 5033  
; PAGES: 860-862  
; PUBLICATION DATE: No. 5665355ember 8, 1991  
US-08-488-212A-51

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7386 TACAGTTCCTCTGAA 7401  
Db 3 TCCAGTTCCTCTGAA 18

RESULT 1215  
US-08-363-585-75/c  
; Sequence 75, Application US/08363585  
; Patent No. 5683872  
; GENERAL INFORMATION:  
; APPLICANT: Rudert, William A.  
; APPLICANT: Trucco, Massimo  
; TITLE OF INVENTION: Polymers of Oligonucleotide Probes  
; TITLE OF INVENTION: As The Bound Ligands For Use In Reverse  
; TITLE OF INVENTION: Dot Blots  
; NUMBER OF SEQUENCES: 112  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: University of Pittsburgh  
; ADDRESSEE: Office of Intellectual Property  
; STREET: 911 William Pitt Union  
; CITY: Pittsburgh  
; STATE: Pennsylvania  
; COUNTRY: USA  
; ZIP: 15260  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 5-1/4" low density diskette  
; COMPUTER: IBM PC or compatibles  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: ASCII  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/363,585  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/786,228  
; FILING DATE: 31-OCT-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Frederick H. Cohen; Mary-Elizabeth Buckles  
; REGISTRATION NUMBER: 28,061; 31,907  
; REFERENCE/DOCKET NUMBER: 92-232  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 412/288-4164  
; TELEFAX: 412/288-3063  
; TELEX: 277871  
; INFORMATION FOR SEQ ID NO: 75:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: genomic DNA  
; PUBLICATION INFORMATION:  
; AUTHORS: Kimura, A.  
; AUTHORS: Sasazuki, T.  
; TITLE: Eleventh International Histocompatibility  
; TITLE: Workshop Reference Protocol for the HLA-DNA-Typing  
; TITLE: Technique  
; JOURNAL: HLA 1991  
; VOLUME: 1  
; PAGES: 397-419  
; DATE: 1992  
; RELEVANT RESIDUES IN SEQ ID NO: 75: 1 to 18  
US-08-363-585-75

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4222 TTCCTCTGTGCAGATA 4237  
Db 17 TGCCTCTGTGCAGATA 2

RESULT 1216  
US-08-358-995-18/c  
; Sequence 18, Application US/08358995

Patent No. 5741638  
 GENERAL INFORMATION:  
 APPLICANT: AKIO YAMANE  
 TITLE OF INVENTION: Microtiter Well For Detecting  
 TITLE OF INVENTION: Nucleic Acid  
 NUMBER OF SEQUENCES: 29  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Wenderoth, Lind & Ponack  
 STREET: 805 Fifteenth Street, N.W., #700  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: U.S.A.  
 ZIP: 20005  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 5.25 inch, 500 Kb  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: MS-DOS  
 SOFTWARE: Wordperfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/358,995  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/004,572  
 FILING DATE: January 14, 1993  
 APPLICATION NUMBER: 07/722,673  
 FILING DATE: June 28, 1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warren M. Cheek Jr.  
 REGISTRATION NUMBER: 33,367  
 REFERENCE/DOCKET NUMBER:  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-371-8850  
 TELEFAX: 202-371-8856  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 18:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 HYPOTHETICAL:  
 ANTI-SENSE:  
 FRAGMENT TYPE:  
 ORIGINAL SOURCE:  
 ORGANISM:  
 STRAIN:  
 INDIVIDUAL ISOLATE:  
 DEVELOPMENTAL STAGE:  
 HAPLOTYPE:  
 TISSUE TYPE:  
 CELL TYPE:  
 CELL LINE:  
 ORGANELLE:  
 IMMEDIATE SOURCE:  
 LIBRARY:  
 CLONE:  
 POSITION IN GENOME:  
 CHROMOSOME/SEGMENT:  
 MAP POSITION:  
 UNITS:  
 FEATURE:  
 NAME/KEY:  
 LOCATION:  
 IDENTIFICATION METHOD:  
 OTHER INFORMATION:  
 PUBLICATION INFORMATION:  
 AUTHORS:  
 TITLE:  
 JOURNAL:  
 VOLUME:  
 ISSUE:

PAGES:  
 DATE:  
 DOCUMENT NUMBER:  
 FILING DATE:  
 PUBLICATION DATE:  
 RELEVANT RESIDUES IN SEQ ID NO:  
 US-08-358-995-18  
 Query Match 0.2%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 4222 TTCCTCTGTGCAGATA 4237  
 Db 17 TGCCTCTGTGCAGATA 2  
 RESULT 1217  
 US-08-224-657-81/c  
 ; Sequence 81, Application US/08224657  
 ; Patent No. 5756102  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Paoletti, Enzo  
 ; APPLICANT: Tartaglia, James  
 ; APPLICANT: Taylor, Jill  
 ; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)  
 ; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE  
 ; TITLE OF INVENTION: RECOMBINANTS  
 ; NUMBER OF SEQUENCES: 122  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Curtis, Morris & Safford, P.C.  
 ; STREET: 530 Fifth Avenue  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: USA  
 ; ZIP: 10036  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/224,657  
 ; FILING DATE: 06-APR-1994  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Frommer, William S.  
 ; REGISTRATION NUMBER: 25,506  
 ; REFERENCE/DOCKET NUMBER: 454310-2550  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (212) 840-3333  
 ; TELEFAX: (212) 840-0712  
 ; TELEX: 425066 CURTWS  
 ; INFORMATION FOR SEQ ID NO: 81:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: cdna  
 ; US-08-224-657-81

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
 Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 93 GGCTTGGTAGGGGAGC 108  
 Db 18 GTCTTGGTAGGGGAGC 3  
 RESULT 1218  
 US-08-758-306-979/c

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; Sequence 979, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 979:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-979

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4361 CCTGTGGACAGGCTGG 4376
||| ||||| |||||
Db 16 CCAGTGGACAGGCTGG 1

RESULT 1219
US-08-653-037A-13/c
; Sequence 13, Application US/08653037A
; Patent No. 5824316
; GENERAL INFORMATION:
; APPLICANT: Grubman, Marvin J.
; APPLICANT: Mason, Peter W.
; APPLICANT: Piccone, Maria E.
; APPLICANT: Rieder, Elizabeth
; TITLE OF INVENTION: Leader-Proteinase Deleted Foot-and-Mouth
; TITLE OF INVENTION: Disease Viruses and Their Use as Vaccines
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Janelle S. Graeter
; STREET: Room 411, Building 005, BARC-W
; CITY: Beltsville
```

```
; STATE: MD
; COUNTRY: USA
; ZIP: 20705
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/653,037A
; FILING DATE: 24-MAY-1996
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Graeter, Janelle S.
; REGISTRATION NUMBER: 35,024
; REFERENCE/DOCKET NUMBER: 0007.95
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-504-5676
; TELEFAX: 301-504-5060
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Foot and mouth disease virus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; US-08-653-037A-13

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1447 CCGGCGCCCATCTTGC 1462
||| ||||| |||||
Db 17 CCGGCGCCCATCTTTC 2

RESULT 1220
US-08-117-952-425
; Sequence 425, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
```

ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4737  
TELEFAX: 619-546-9392  
INFORMATION FOR SEQ ID NO: 425:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Oligonucleotide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-117-952-425

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3624 GGTGGGGTGGGAG 3639  
||| |||||  
Db 1 GGTGGGGTGGGAG 16

## RESULT 1221

US-08-320-306-51  
Sequence 51, Application US/08320306  
Patent No. 5891623  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas E. Popovich, Thomas  
ADDRESSEE: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/320,306  
FILING DATE: 06-OCT-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5891623ember 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE: Other nucleic acid  
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor

MOLECULE TYPE: Va region)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE: Synthesized using  
ORIGINAL SOURCE: oligonucleotide synthesis machine  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Sottini, Alessandra; Puoti, Massimo; Primi,  
AUTHORS: Alessandra; Bettinardi, Alessandria  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 5891623ember 8, 1991  
US-08-320-306-51

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7386 TACAGTTCCTCTGAA 7401  
||| |||||  
Db 3 TCCAGTTCCTCTGAA 18

## RESULT 1222

US-08-488-209B-51  
Sequence 51, Application US/08488209B  
Patent No. 5925513  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas E. Popovich, Thomas  
ADDRESSEE: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,209B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5925513ember 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE: Other nucleic acid  
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor

```

; HYPOTHETICAL: NO
; ORIGINAL SOURCE: Synthesized using
; ORIGINAL SOURCE: oligonucleotide synthesis machine
; PUBLICATION INFORMATION:
; AUTHORS: Imberti, Luisa; Sottini,
; AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
; AUTHORS: Daniele
; TITLE: Selective Depletion in HIV Infection
; TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
; JOURNAL: Science
; VOLUME: 254
; ISSUE: 5033
; PAGES: 860-862
; PUBLICATION DATE: No. 5925513ember 8, 1991
; US-08-488-209B-51

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7386 TACAGTTCCTCTCGAA 7401
Db 3 TCCAGTTCCTCTCGAA 18

RESULT 1223
US-08-408-011-51
; Sequence 51, Application US/08408011
; Patent No. 5928642
; GENERAL INFORMATION:
; APPLICANT: Primi, Daniele
; TITLE OF INVENTION: Diagnosis and Treatment of
; TITLE OF INVENTION: AIDS Onset
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas E. Popovich, Thomas
; ADDRESSEE: Popovich & Associates
; STREET: 80 South 8th Street
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55402-2111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible Compaq Prolinea
; COMPUTER: 4/66
; OPERATING SYSTEM: MS-DOS Version 5
; SOFTWARE: Microsoft Word for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/408,011
; FILING DATE: 18-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/973,485
; FILING DATE: No. 5928642ember 9, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas E. Popovich
; REGISTRATION NUMBER: 30099
; REFERENCE/DOCKET NUMBER: 3678
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 334-8991
; TELEFAX: (612) 334-8994
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
; MOLECULE TYPE: Va region)
; HYPOTHETICAL: NO

```

```

; ORIGINAL SOURCE: Synthesized using
; ORIGINAL SOURCE: oligonucleotide synthesis machine
; PUBLICATION INFORMATION:
; AUTHORS: Imberti, Luisa; Sottini,
; AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
; AUTHORS: Daniele
; TITLE: Selective Depletion in HIV Infection
; TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
; JOURNAL: Science
; VOLUME: 254
; ISSUE: 5033
; PAGES: 860-862
; PUBLICATION DATE: No. 5928642ember 8, 1991
; US-08-408-011-51

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7386 TACAGTTCCTCTCGAA 7401
Db 3 TCCAGTTCCTCTCGAA 18

RESULT 1224
US-08-389-423-28
; Sequence 28, Application US/08389423
; Patent No. 5948672
; GENERAL INFORMATION:
; APPLICANT: Rasmussen, Grethe
; APPLICANT: Mikkelsen, Jan Moller
; APPLICANT: Schlein, Martin
; APPLICANT: Patkar, Shankant A.
; APPLICANT: Hagen, Fred
; TITLE OF INVENTION: A Cellulase Preparation Comprising an
; TITLE OF INVENTION: Endoglucanase Enzyme
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5948672o No. 5948672disk of No. 5948672th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/389,423
; FILING DATE: 14-FEB-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3469.214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-389-423-28

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 1132 GCACAGTATTTCAGC 1147  
| | | | |  
Db 3 GCACATATTTCAGC 18

RESULT 1225  
US-08-675-566-57/c  
; Sequence 57, Application US/08675566  
; Patent No. 6090393  
; GENERAL INFORMATION:  
; APPLICANT: Fischer, Laurent  
; TITLE OF INVENTION: PROMOTERS, EXPRESSION CASSETTES,  
; TITLE OF INVENTION: RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF  
; NUMBER OF SEQUENCES: 120  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford, P.C.  
; STREET: 530 Fifth Avenue  
; CITY: New York  
; STATE: New York  
; COUNTRY: United States of America  
; ZIP: 10036  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/675,566  
; FILING DATE: 03-JUL-1996  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Frommer Esq., William S.  
; REGISTRATION NUMBER: 25,506  
; REFERENCE/DOCKET NUMBER: 454310-2890  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212)840-3333  
; TELEFAX: (212)840-0712  
; INFORMATION FOR SEQ ID NO: 57:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-675-566-57

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 93 GGCTTGTAGGGAGC 108  
| | | | |  
Db 18 GTCTTGTAGGGAGC 3

RESULT 1226  
US-09-280-409-35  
; Sequence 35, Application US/09280409  
; Patent No. 6107092  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Bert W. O'Malley  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION  
; FILE REFERENCE: RTS-0048  
; CURRENT APPLICATION NUMBER: US/09/280,409  
; CURRENT FILING DATE: 1999-03-29  
; NUMBER OF SEQ ID NOS: 146  
; SEQ ID NO 35  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-280-409-35

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7009 ATTTCTTCTTTACAG 7024  
| | | | |  
Db 3 ATTTCTTCTTTACAG 18

RESULT 1227  
US-09-630-706-61/c  
; Sequence 61, Application US/09630706  
; Patent No. 6277640  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION  
; FILE REFERENCE: RTS-0053  
; CURRENT APPLICATION NUMBER: US/09/630,706  
; CURRENT FILING DATE: 2000-08-01  
; NUMBER OF SEQ ID NOS: 94  
; SEQ ID NO 61  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-630-706-61

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6550 GTAAGGCTGGTGGGAC 6565  
| | | | |  
Db 18 GTAAGGCTGGTGGGAC 3

RESULT 1228  
US-09-354-138-81/c  
; Sequence 81, Application US/09354138  
; Patent No. 6309647  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; APPLICANT: Tartaglia, James  
; APPLICANT: Taylor, Jill  
; APPLICANT: Gettig, Russell  
; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)  
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE  
; NUMBER OF SEQUENCES: 139  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford, P.C.  
; STREET: 530 Fifth Avenue, 25th Floor  
; CITY: New York  
; STATE: New York  
; COUNTRY: United States of America  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/354,138  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/472,379  
; FILING DATE: 07-JUN-1995

```

; APPLICATION NUMBER: US 08/416,646
; FILING DATE: 05-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,657
; FILING DATE: 16-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/073,962
; FILING DATE: 08-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/776,867
; FILING DATE: 23-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/621,614
; FILING DATE: 30-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/938,283
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/105,483
; FILING DATE: 12-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 06-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/713,967
; FILING DATE: 11-JUN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07,665,056
; FILING DATE: 07-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2860
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-354-138-81

```

```

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 93 GGCTTGTTGGGAGC 108
DB 18 GTCTTGTTGGGAGC 3

RESULT 1229
US-09-189-028-28
; Sequence 28, Application US/09189028
; Patent No. 6423524
; GENERAL INFORMATION:
; APPLICANT: Rasmussen, Grethe
; APPLICANT: Mikkelsen, Jan Moller
; APPLICANT: Schuelein, Martin
; APPLICANT: Patkar, Shankant A.
; APPLICANT: Hagen, Fred
; TITLE OF INVENTION: A Cellulase Preparation Comprising an
; ENDOLUCANASE ENZYME
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESS: No. 6423524 of No. 6423524th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America

```

```

; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/189,028
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/389,423
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3469.214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-189-028-28

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1132 GCACAGTATTTCAAGC 1147
DB 3 GCACAAATATTTCAAGC 18

RESULT 1230
US-09-920-760-43/c
; Sequence 43, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 43
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-920-760-43

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2829 CAAGCCCGAGGAGCTG 2844
DB 18 CAAGCCTCAGGAGCTG 3

RESULT 1231
US-09-422-978-4233/c
; Sequence 4233, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta

```

```
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4233
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-14090 for SEQ 299,
US-09-422-978-4233
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Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 5651 CCAGCCTCATCCTCTT 5666
      ||||| ||||| |||||
DB 18 CCAGCTTCATCCCTCTT 3
```

```
RESULT 1232
US-09-422-978-5292
; Sequence 5292, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5292
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-2328 for SEQ 1358,
US-09-422-978-5292
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```
Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 6322 CTCTTGCTGGGAATTT 6337
      ||||| ||||| |||||
DB 2 CTCTTGCTGGGAATTT 17
```

```
RESULT 1233
US-09-422-978-9599
; Sequence 9599, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9599
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-6038 for SEQ 1734, in complem
US-09-422-978-9599
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```
Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1761 TATTGTCATCCTGCCA 1776
      ||||| ||||| |||||
DB 1 TAGTGTATCCTGCCA 16
```

```
RESULT 1234
US-09-422-978-11161/c
; Sequence 11161, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11161
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-3045 for SEQ 3296, in complem
US-09-422-978-11161
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```
Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 2419 ACCAATCATCCACC 2434
      ||||| ||||| |||||
DB 16 ACCAATCATCCCATC 1
```

```
RESULT 1235
```

```
US-08-967-101-171
; Sequence 171, Application US/08967101
; Patent No. 5840540
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/967,101
; FILING DATE: 10-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; TOPOLOGY: linear
; STRANDEDNESS: single
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-967-101-171

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6194 AGAGGATGGAGAGAT 6209
Db      2 AGAGGATGGAGAGAT 17

RESULT 1236
US-08-592-541-171
; Sequence 171, Application US/08592541
; Patent No. 5986054
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,698
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; TOPOLOGY: linear
; STRANDEDNESS: single
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-967-101-171

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6194 AGAGGATGGAGAGAT 6209
Db      2 AGAGGATGGAGAGAT 17

RESULT 1237
US-09-124-698-171
; Sequence 171, Application US/09124698
; Patent No. 6117978
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,698
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; TOPOLOGY: linear
; STRANDEDNESS: single
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-967-101-171
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-592-541-171

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6194 AGAGGATGGAGAGAT 6209
Db      2 AGAGGATGGAGAGAT 17

RESULT 1237
US-09-124-698-171
; Sequence 171, Application US/09124698
; Patent No. 6117978
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,698
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-967-101-171
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; DESCRIPTION: /desc = "primer"
US-09-124-698-171

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6194 AGAGATGGAGAGAAAT 6209
    |||||
Db 2 AGAGATGGAGAGAAAT 17

RESULT 1238
US-09-135-021-67/c
; Sequence 67, Application US/09135021A
; Patent No. 6150104
; GENERAL INFORMATION:
; APPLICANT: Spiawski, Igor
; APPLICANT: Keating, Mark T.
; TITLE OF INVENTION: A HOMOZYGOUS MUTATION IN KVLQT1 WHICH CAUSES JERVELL
; TITLE OF INVENTION: AND LANGE-NIELSEN SYNDROME
; FILE REFERENCE: 2323-128
; CURRENT APPLICATION NUMBER: US/09/135,021A
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/874,655
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 67
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-021-67

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3020 GTCACATCTGCCCTG 3035
    |||||
Db 17 GTCACACCTGCCCTG 2

RESULT 1239
US-09-127-480-171
; Sequence 171, Application US/09127480
; Patent No. 6194153
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROWMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/127,480
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-127-480-171

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6194 AGAGATGGAGAGAAAT 6209
    |||||
Db 2 AGAGATGGAGAGAAAT 17

RESULT 1240
US-09-338-907-418
; Sequence 418, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilyu, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 418
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer for SEQ 255, SEQ 332
US-09-338-907-418

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 312 GAAACCAATCAAGCTC 327
    |||||
Db 1 GAAACCAATCAAGCTC 16

RESULT 1241
US-09-135-020-69/c
; Sequence 69, Application US/09135020
; Patent No. 6274332
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
```

```
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN minK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/135,020
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-020-69

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3020 GTCACATCTGGCCCTG 3035
      ||||| ||||| |||||
Db 17 GTCACACCTGGCCCTG 2

RESULT 1242
US-09-135-010A-69/c
; Sequence 69, Application US/09135010A
; Patent No. 6277978
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KvLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/135,010A
; CURRENT FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-010A-69

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3020 GTCACATCTGGCCCTG 3035
      ||||| ||||| |||||
Db 17 GTCACACCTGGCCCTG 2
```

```
RESULT 1243
US-09-444-871-69/c
; Sequence 69, Application US/09444871
; Patent No. 6323026
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN minK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,871
; CURRENT FILING DATE: 1999-11-22
; EARLIER APPLICATION NUMBER: US 09/135,020
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-871-69

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3020 GTCACATCTGGCCCTG 3035
      ||||| ||||| |||||
Db 17 GTCACACCTGGCCCTG 2

RESULT 1244
US-09-218-207-418
; Sequence 418, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CPI
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 418
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer for SEQ 255, SEQ 332
US-09-218-207-418

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 312 GAAACCAATCAAGCTC 327  
|||||  
Db 1 GAAACCAATCAAGCTC 16

RESULT 1245  
US-09-124-523-171  
; Sequence 171, Application US/09124523  
; Patent No. 6395960  
; GENERAL INFORMATION:  
; APPLICANT: ST. GEORGE-HYSLOP, PETER H  
; APPLICANT: ROMMENS, JOHANNA M  
; APPLICANT: FRASER, PAUL E  
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED  
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE  
; NUMBER OF SEQUENCES: 183  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
; STREET: High Street Tower - 125 High Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: U.S.A.  
; ZIP: 02110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/124,523  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/592,541  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Pitcher, Edmund R.  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-7000  
; TELEFAX: (617) 248-7100  
; INFORMATION FOR SEQ ID NO: 171:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer"

Query Match 0.2%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6194 AGAGATGGAGAGAAAT 6209  
|||||  
Db 2 AGAGATGGAGAGAAAT 17

RESULT 1246  
US-09-345-882-117  
; Sequence 117, Application US/09345882  
; Patent No. 6399373  
; GENERAL INFORMATION:  
; APPLICANT: Bougueleret, Lydie  
; TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)  
; TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.  
; FILE REFERENCE: GENSET 031A  
; CURRENT APPLICATION NUMBER: US/09/345,882  
; CURRENT FILING DATE: 1999-06-30  
; PRIOR APPLICATION NUMBER: US 60/091,315  
; PRIOR FILING DATE: 1998-06-30

; PRIOR APPLICATION NUMBER: US 60/111,909  
; PRIOR FILING DATE: 1998-12-10  
; NUMBER OF SEQ ID NOS: 140  
; SOFTWARE: Patent.pm  
; SEQ ID NO 117  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: potential microsequencing oligo for 5-143-101.misl  
US-09-345-882-117

Query Match 0.2%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3627 GGGGGTGGGAGGAG 3642  
|||||  
Db 1 GGGGGTGGGAGGAG 16

RESULT 1247  
US-09-597-735-69/c  
; Sequence 69, Application US/09597735  
; Patent No. 6420124  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Sanguinetti, Michael C.  
; APPLICANT: Curran, Mark E.  
; APPLICANT: Landes, Gregory M.  
; APPLICANT: Connors, Timothy D.  
; APPLICANT: Burn, Timothy C.  
; APPLICANT: Splawski, Igor  
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE  
; FILE REFERENCE: 2323-133  
; CURRENT APPLICATION NUMBER: US/09/597,735  
; CURRENT FILING DATE: 2000-06-19  
; EARLIER APPLICATION NUMBER: 09/135,010  
; EARLIER FILING DATE: 1998-08-17  
; EARLIER APPLICATION NUMBER: 60/094,477  
; EARLIER FILING DATE: 1998-07-29  
; EARLIER APPLICATION NUMBER: 08/921,068  
; EARLIER FILING DATE: 1997-08-29  
; EARLIER APPLICATION NUMBER: 08/739,383  
; EARLIER FILING DATE: 1996-10-29  
; EARLIER APPLICATION NUMBER: 60/019,014  
; EARLIER FILING DATE: 1995-12-22  
; NUMBER OF SEQ ID NOS: 116  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 69  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-597-735-69

Query Match 0.2%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3020 GTCACATCTGGCCCTG 3035  
|||||  
Db 17 GTCACATCTGGCCCTG 2

RESULT 1248  
US-09-444-295-69/c  
; Sequence 69, Application US/09444295  
; Patent No. 6432644  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Sanguinetti, Michael C.

```

; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN mink WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,295
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/135,020
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-444-295-69

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```

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      3020  GTCACATCTGGCCCTG 3035
          ||||| |||||
Db      17  GTCACACCTGGCCCTG 2

```

```

RESULT 1249
US-09-597-732-69/c
; Sequence 69, Application US/09597732
; Patent No. 6451534
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,732
; CURRENT FILING DATE: 2000-06-19
; PRIOR FILING DATE: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-597-732-69

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Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      3020  GTCACATCTGGCCCTG 3035

```

```

Db      17  GTCACACCTGGCCCTG 2
          ||||| |||||
RESULT 1250
US-09-636-796A-171
; Sequence 171, Application US/09636796A
; Patent No. 6485911
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/636,796A
; FILING DATE: 11-Aug-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 171:
US-09-636-796A-171

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```

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY      6194  AGAGAATGGAGAGAA 6209
          ||||| |||||
Db      2  AGAGATGGAGAGAA 17

```

```

RESULT 1251
US-09-422-978-5006
; Sequence 5006, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21

```



```
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5006
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-2024 for SEQ 1072,
US-09-422-978-5006

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3993 ACAAAAACCTCTTAGG 4008
      |||||
Db      4 ACAAAAACCTCTTGG 19

RESULT 1252
US-09-422-978-6457/c
; Sequence 6457, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6457
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-11580 for SEQ 2523,
US-09-422-978-6457

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3269 GATTGTTTAAAGAGA 3284
      |||||
Db      17 GATTGTTTAAAGACA 2

RESULT 1253
US-09-422-978-8352
; Sequence 8352, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
```

```
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8352
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-1490 for SEQ 487, in complete
US-09-422-978-8352

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      312 GAACCAATCAAGCTC 327
      |||||
Db      1 GAACCAATCAAGCTC 16

RESULT 1254
US-09-060-299-54
; Sequence 54, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 8545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 54:
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; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-060-299-54

Query Match 0.2%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1852 GTGAAGAAGCTGGTCA 1867  
Db 1 GTGCAGAACGTGGTCA 16

## RESULT 1255

US-09-402-923A-54  
; Sequence 54, Application US/09402923A  
; Patent No. 6555654

## GENERAL INFORMATION:

APPLICANT: Todd, John A  
Hess, John W  
Caskey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshihiko  
Merriman, Tony R  
Metzker, Michael L

TITLE OF INVENTION: No. 6555654e1 LDL-Receptor

NUMBER OF SEQUENCES: 455

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/402,923A

FILING DATE: 14-Feb-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB98/01102

FILING DATE: 15-APR-1998

APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997

APPLICATION NUMBER: US 60/048,740

FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: B.J.Sadoff

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 620-81

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4091

TELEFAX: (703)816-4100

INFORMATION FOR SEQ ID NO: 54:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 54:

US-09-402-923A-54

Query Match 0.2%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1852 GTGAAGAAGCTGGTCA 1867  
Db 1 GTGCAGAACGTGGTCA 16

## RESULT 1256

US-09-597-731-69/c

; Sequence 69, Application US/09597731

; Patent No. 6582913

; GENERAL INFORMATION:

APPLICANT: Keating, Mark T.

APPLICANT: Sanguinetti, Michael C.

APPLICANT: Curran, Mark E.

APPLICANT: Landes, Gregory M.

APPLICANT: Connors, Timothy D.

APPLICANT: Burn, Timothy C.

APPLICANT: Splawski, Igor

TITLE OF INVENTION: KVLOT1 - A LONG QT SYNDROME GENE

FILE REFERENCE: 2323-133

CURRENT APPLICATION NUMBER: US/09/597,731

PRIOR FILING DATE: 2000-06-19

PRIOR APPLICATION NUMBER: 09/135,010

PRIOR FILING DATE: 1998-08-17

PRIOR APPLICATION NUMBER: 08/921,068

PRIOR FILING DATE: 1997-08-29

PRIOR APPLICATION NUMBER: 08/739,383

PRIOR FILING DATE: 1996-10-29

PRIOR APPLICATION NUMBER: 60/019,014

PRIOR FILING DATE: 1995-12-22

NUMBER OF SEQ ID NOS: 116

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 69

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

US-09-597-731-69

Query Match 0.2%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3020 GTCACATCTGGCCCTG 3035

Db 17 GTCACACCTGGCCCTG 2

## RESULT 1257

US-08-317-648-3/c

; Sequence 3, Application US/08317648

; Patent No. 5565358

; GENERAL INFORMATION:

APPLICANT: MARGUERIE DE ROTROU, GERARD

APPLICANT: UZAN, GEORGES

APPLICANT: PRANDINI, MARIE-HELENE

TITLE OF INVENTION: ENHANCER AND SILENCER SEQUENCES ISOLATED

TITLE OF INVENTION: FROM THE GP11b PROMOTER

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUBSTADT,

ADDRESSES: P.C.

STREET: 1755 S. Jefferson Davis Highway, Suite 400

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/317,648  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/974,600  
FILING DATE: 22-FEB-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Oblon, No. 5565358man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 846-271-0X PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-3220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
US-08-317-648-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2701 GGCAGAGCAATGGGC 2716  
Db 16 GGCAGAGCAATGGGC 1

RESULT 1258  
US-08-502-185-12  
Sequence 12, Application US/08502185  
Patent No. 5639736  
GENERAL INFORMATION:  
APPLICANT: Robinson, Gregory S.  
TITLE OF INVENTION: Human VEGF-Specific  
REFERENCE/DOCKET NUMBER: Oligonucleotides  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lappin & Kusmer  
STREET: 200 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE:  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/502,185  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Kerner, Ann-Louise  
REGISTRATION NUMBER: 33,523  
REFERENCE/DOCKET NUMBER: HYZ-031CPDV1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-330-1300  
TELEFAX: 617-330-1311  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
HYPOTHETICAL: NO  
ANTI-SENSE: YES

US-08-502-185-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317  
Db 4 CAGCCTGGGATCACTT 19

RESULT 1259  
US-08-398-945-12  
Sequence 12, Application US/08398945  
Patent No. 5639872  
GENERAL INFORMATION:  
APPLICANT: Robinson, Gregory S.  
TITLE OF INVENTION: Human VEGF-Specific  
REFERENCE/DOCKET NUMBER: Oligonucleotides  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lappin & Kusmer  
STREET: 200 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE:  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/398,945  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kerner, Ann-Louise  
REGISTRATION NUMBER: 33,523  
REFERENCE/DOCKET NUMBER: HYZ-031CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-330-1300  
TELEFAX: 617-330-1311  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-398-945-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317  
Db 4 CAGCCTGGGATCACTT 19

RESULT 1260  
US-08-501-779-12  
Sequence 12, Application US/08501779  
Patent No. 5661135  
GENERAL INFORMATION:  
APPLICANT: Robinson, Gregory S.  
TITLE OF INVENTION: Human VEGF-Specific  
REFERENCE/DOCKET NUMBER: Oligonucleotides  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,779
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-501-779-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317
Db 4 CAGCCTGGGACCACTT 19

RESULT 1261
US-08-376-362A-8/c
; Sequence 8, Application US/08376362A
; Patent No. 5693756
; GENERAL INFORMATION:
; APPLICANT: Li, Xiao-Jiang
; APPLICANT: Blackshaw, Seth
; APPLICANT: Snyder, Solomon H.
; TITLE OF INVENTION: AMILORIDE-SENSITIVE SODIUM CHANNEL AND
; TITLE OF INVENTION: METHOD OF IDENTIFYING SUBSTANCES WHICH STIMULATE OR BLOCK
; TITLE OF INVENTION: SALTY TASTE PERCEPTION
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti, LTD
; STREET: 1001 G Street, N.W., Eleventh Floor
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/376,362A
; FILING DATE: 23-JAN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan A., Sarah
; REGISTRATION NUMBER: 32,141

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; REFERENCE/DOCKET NUMBER: 01107.48125
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-376-362A-8

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2831 AGCCCCAGGAGCTGTG 2846
Db 16 AGCCCCAGGAGCTGTG 1

RESULT 1262
US-08-501-713-12
; Sequence 12, Application US/08501713
; Patent No. 5710136
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,713
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031DV2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-501-713-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317

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Db 4 CAGCCTGGGACCACTT 19  
|||||

RESULT 1263  
US-08-588-821-71/c  
; Sequence 71, Application US/08588821  
; Patent No. 5712097  
; GENERAL INFORMATION:  
; APPLICANT: Kern, Scott E.  
; APPLICANT: Hahn, Stephan A.  
; TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
; NUMBER OF SEQUENCES: 91  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 4225 Executive Square, Suite 1400  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/588,821  
; FILING DATE: 19-JAN-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Haile, Lisa A.  
; REGISTRATION NUMBER: 38,347  
; REFERENCE/DOCKET NUMBER: 07265/079001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619/678-5070  
; TELEFAX: 619/678-5099  
; INFORMATION FOR SEQ ID NO: 71:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-588-821-71

Query Match 0.28; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5291 CTCTACTCCAGCAAC 5306  
|||||

Db 20 CTCTATCCAGCAAC 5  
|||||

RESULT 1264  
US-08-378-860-12  
; Sequence 12, Application US/08378860  
; Patent No. 5731294  
; GENERAL INFORMATION:  
; APPLICANT: Robinson, Gregory S.  
; APPLICANT: Smith, Lois E.H.  
; TITLE OF INVENTION: Inhibition of  
; TITLE OF INVENTION: Neovascularization Using  
; TITLE OF INVENTION: VEGF-Specific  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lappin & Kusner  
; STREET: 200 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE:  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/378,860  
; FILING DATE:  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kerner, Ann-Louise  
; REGISTRATION NUMBER: 33,523  
; REFERENCE/DOCKET NUMBER: HYZ-031  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-330-1300  
; TELEFAX: 617-330-1311  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-378-860-12

Query Match 0.28; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGACCACTT 2317  
|||||

Db 4 CAGCCTGGGACCACTT 19  
|||||

RESULT 1265  
US-08-217-082A-3/c  
; Sequence 3, Application US/08217082A  
; Patent No. 5734033  
; GENERAL INFORMATION:  
; APPLICANT: Reed, John  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR INHIBITING THE  
; TITLE OF INVENTION: GROWTH OF CELLS EXPRESSING THE HUMAN BCL-2 GENE  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 224 Airport Parkway  
; CITY: San Jose  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 95110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/217,082A  
; FILING DATE: 24-MAR-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/840,716  
; FILING DATE: 21-FEB-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/288,692  
; FILING DATE: 22-DEC-1988  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fortney, Andrew D.  
; REGISTRATION NUMBER: 34,600  
; REFERENCE/DOCKET NUMBER: 3335-067-55 FWC  
; TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: (408) 436-2070
; TELEFAX: (408) 436-2075
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: Synthetic DNA
; ANTI-SENSE: YES
US-08-217-082A-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6880 GAGGCTGGGTGGTC 6895
Db 19 GAGGCTGGGTAGGTGC 4

RESULT 1266
US-08-501-626-12
; Sequence 12, Application US/08501626
; Patent No. 5801156
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,626
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031DV4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-501-626-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGTACACTT 2317

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Db 4 CAGCCTGGGACACTT 19

RESULT 1267
US-08-915-214-71/c
; Sequence 71, Application US/08915214
; Patent No. 581457
; GENERAL INFORMATION:
; APPLICANT: Kern, Scott E.
; APPLICANT: Hahn, Stephan A.
; TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/915,214
; FILING DATE: 20-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/588,821
; FILING DATE: 19-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/079001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-915-214-71

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5291 CTCCTACTCCAGCAAC 5306
Db 20 CTCCTATCCAGCAAC 5

RESULT 1268
US-08-501-356-12
; Sequence 12, Application US/08501356
; Patent No. 5814620
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston

```

STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE:  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/501,356  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Kerner, Ann-Louise  
REGISTRATION NUMBER: 33,523  
REFERENCE/DOCKET NUMBER: HYZ-031DV3  
TELEPHONE: 617-330-1300  
TELEFAX: 617-330-1311  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-501-356-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317  
|||||  
DB 4 CAGCCTGGGACCACTT 19

RESULT 1269  
US-08-465-485A-3/c  
Sequence 3, Application US/08465485A  
Patent No. 5831066  
GENERAL INFORMATION:  
APPLICANT: Reed, John  
TITLE OF INVENTION: Regulation of bcl-2 Gene Expression  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
ADDRESSEE: P.C.  
STREET: 1755 S. Jefferson Davis Hwy., Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,485A  
FILING DATE: 05-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/124,256  
FILING DATE: 20-SEP-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/840,716  
FILING DATE: 21-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/288,692  
FILING DATE: 22-DEC-1988

ATTORNEY/AGENT INFORMATION:  
NAME: Fortney, Andrew D.  
REGISTRATION NUMBER: 34,600  
REFERENCE/DOCKET NUMBER: 3335-070-55 CONT  
TELEPHONE: (408) 436-2070  
TELEFAX: (408) 436-2075  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: YES  
US-08-465-485A-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6880 GAGGCTGGGTGGTGC 6895  
|||||  
DB 19 GAGGCTGGGTAGGTGC 4

RESULT 1270  
US-08-229-528-32/c  
Sequence 32, Application US/08229528  
Patent No. 5837447  
GENERAL INFORMATION:  
APPLICANT: GORSKI, Jack  
TITLE OF INVENTION: MONITORING AN IMMUNE RESPONSE BY AMPLIFIED IMMUNO  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: P. O. Box 1497  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53701-1497  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS-DOS 3.3  
SOFTWARE: WordPerfect, Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/229,528  
FILING DATE: 18-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/868,569  
FILING DATE: 15-APR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Scanlon, William J.  
REGISTRATION NUMBER: 30,136  
REFERENCE/DOCKET NUMBER: 30383/133  
TELEPHONE: (608) 258-4284  
TELEFAX: (608) 258-4258  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid;  
DESCRIPTION: Synthetic DNA oligonucleotide  
US-08-229-528-32

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 742 CGCTCTCTCTCTCTCAC 757  
Db 16 CGCTCTCTCTCTCTC 1

## RESULT 1271

US-09-005-532-71/c  
; Sequence 71, Application US/09005532  
; Patent No. 5955292  
; GENERAL INFORMATION:  
; APPLICANT: Kern, Scott E.  
; APPLICANT: Hahn, Stephan A.  
; TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
; NUMBER OF SEQUENCES: 91  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 4225 Executive Square, Suite 1400  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/005,532  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/588,821  
; FILING DATE: 19-JAN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Haile, Lisa A.  
; REGISTRATION NUMBER: 38,347  
; REFERENCE/DOCKET NUMBER: 07265/079001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619/678-5070  
; TELEFAX: 619/678-5099  
; INFORMATION FOR SEQ ID NO: 71:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-09-005-532-71

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5291 CTCTACTCCCGAAC 5306  
Db 20 CTCTAATCCCGAAC 5

## RESULT 1272

US-09-080-285-3/c  
; Sequence 3, Application US/09080285  
; Patent No. 6040181  
; GENERAL INFORMATION:  
; APPLICANT: Reed, John  
; TITLE OF INVENTION: Regulation of bcl-2 Gene Expression  
; NUMBER OF SEQUENCES: 29  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
; STREET: 1755 S. Jefferson Davis Hwy., Suite 400  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.

ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/080,285  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/465,485  
; FILING DATE: 05-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/124,256  
; FILING DATE: 20-SEP-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/840,716  
; FILING DATE: 21-FEB-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/288,692  
; FILING DATE: 22-DEC-1988  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fortney, Andrew D.  
; REGISTRATION NUMBER: 34,600  
; REFERENCE/DOCKET NUMBER: 3335-070-55 CONT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (408) 436-2070  
; TELEFAX: (408) 436-2075  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; ANTI-SENSE: YES  
US-09-080-285-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6880 GAGGCTGGTGTGTC 6895  
Db 19 GAGGCTGGTAGGTGC 4

## RESULT 1273

US-08-987-326-12  
; Sequence 12, Application US/08987326  
; Patent No. 6057105  
; GENERAL INFORMATION:  
; APPLICANT: NGI/Cancer Tech Company, LLC  
; TITLE OF INVENTION: Detection of Melanoma or Breast Metastasis with a  
; TITLE OF INVENTION: Multiple Marker Assay  
; FILE REFERENCE: NGI 20823-701 CIP  
; CURRENT APPLICATION NUMBER: US/08/987,326  
; CURRENT FILING DATE: 1997-12-09  
; EARLIER APPLICATION NUMBER: 08/406,307  
; EARLIER FILING DATE: 1995-03-17  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: Patent in Ver. 2.0  
; SEQ ID NO 12  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
; OTHER INFORMATION: sequence  
US-08-987-326-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;



Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6610 TCTTCCCATCAGGGT 6625  
Db 5 TCTTCCCATCAGTGT 20

RESULT 1274  
US-09-166-186-221/c  
; Sequence 221, Application US/09166186A  
; Patent No. 6080580  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION  
; FILE REFERENCE: ISPH-0322  
; CURRENT APPLICATION NUMBER: US/09/166,186A  
; CURRENT FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 250  
; SEQ ID NO 221  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
US-09-166-186-221

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGGACTCGAGAAG 4526  
Db 16 TGCAGGACTTGAAGAAG 1

RESULT 1275  
US-08-882-046-74/c  
; Sequence 74, Application US/08882046  
; Patent No. 6136952  
; GENERAL INFORMATION:  
; APPLICANT: Li, Linheng  
; APPLICANT: Hood, Leroy  
; APPLICANT: Krantz, Ian D.  
; APPLICANT: Spinner, Nancy B.  
; TITLE OF INVENTION: Human Jagged Polypeptide, Encoding  
; TITLE OF INVENTION: Nucleic Acids and Methods of Use  
; NUMBER OF SEQUENCES: 110  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/882,046  
; FILING DATE: 25-JUN-1997  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-UW 2637  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 74:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
; FEATURE:  
; NAME/KEY: intron  
; LOCATION: 1..10  
; FEATURE:  
; NAME/KEY: exon  
; LOCATION: 11..20  
US-08-882-046-74

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6541 AGGATATCTGTAAAGC 6556  
Db 17 AGGAATCTGTAAAGC 2

RESULT 1276  
US-09-286-904-76  
; Sequence 76, Application US/09286904A  
; Patent No. 6140124  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P.  
; APPLICANT: Gaarde, William A.  
; APPLICANT: Nero, Pamela S.  
; APPLICANT: McKay, Robert  
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen  
; TITLE OF INVENTION: Activated Protein Kinase Expression  
; FILE REFERENCE: ISPH-0347  
; CURRENT APPLICATION NUMBER: US/09/286,904A  
; CURRENT FILING DATE: 1999-04-06  
; NUMBER OF SEQ ID NOS: 95  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 76  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
US-09-286-904-76

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 443 TCCAGCATTTCAAGCC 458  
Db 4 TCCAGCATTTCAAGCC 19

RESULT 1277  
US-09-429-323-78/c  
; Sequence 78, Application US/09429323A  
; Patent No. 6140126  
; Patent No. 6140126 6140123  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION  
; FILE REFERENCE: RTS-0092  
; CURRENT APPLICATION NUMBER: US/09/429,323A  
; CURRENT FILING DATE: 1999-10-26  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 78  
; LENGTH: 20

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-78

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3278 AAGAGAGAAATGAAA 3293
      |||||
Db 18 AAGAGAGAAATGAAA 3

RESULT 1278
US-08-765-340-26
; Sequence 26, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-26

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317
      |||||
```

```
Db 2 CAGCCTGGGACCACTT 17

RESULT 1279
US-09-359-756-31/c
; Sequence 31, Application US/09359756
; Patent No. 6168950
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK1 EXPRESSION
; FILE REFERENCE: RTS-0077
; CURRENT APPLICATION NUMBER: US/09/359,756
; CURRENT FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-359-756-31

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2284 AAACCTGGAAAGCACT 2299
      |||||
Db 16 AAACCTGGAAAGCACT 1

RESULT 1280
US-09-435-296-26/c
; Sequence 26, Application US/09435296
; Patent No. 6171860
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
; FILE REFERENCE: RTS-0116
; CURRENT APPLICATION NUMBER: US/09/435,296
; CURRENT FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-26

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1437 GCGAGTGTGTCGCGCG 1452
      |||||
Db 16 GCGAGTGTGTCGCGCG 1

RESULT 1281
US-09-358-683-26/c
; Sequence 26, Application US/09358683
; Patent No. 6200807
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHP-2 EXPRESSION
; FILE REFERENCE: RTS-0082
; CURRENT APPLICATION NUMBER: US/09/358,683
```

; CURRENT FILING DATE: 1999-07-21  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 26  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-358-683-26

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7005 GGAGATTTCCTCTTT 7020  
Db 17 GGAGATTTCCTCTTT 2

RESULT 1282  
US-09-313-932-221/c  
; Sequence 221, Application US/09313932A  
; Patent No. 6228642  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
; FILE REFERENCE: ISPH-0356  
; CURRENT APPLICATION NUMBER: US/09/313,932A  
; CURRENT FILING DATE: 1999-05-18  
; NUMBER OF SEQ ID NOS: 501  
; SEQ ID NO 221  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-313-932-221

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGGACTGGAGAAG 4526  
Db 16 TGCAGGACTGGAGAAG 1

RESULT 1283  
US-09-313-932-366/c  
; Sequence 366, Application US/09313932A  
; Patent No. 6228642  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
; FILE REFERENCE: ISPH-0356  
; CURRENT APPLICATION NUMBER: US/09/313,932A  
; CURRENT FILING DATE: 1999-05-18  
; NUMBER OF SEQ ID NOS: 501  
; SEQ ID NO 366  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-313-932-366

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGGACTGGAGAAG 4526  
Db 18 TGCAGGACTGGAGAAG 3

RESULT 1284  
US-09-021-701-727  
; Sequence 727, Application US/09021701  
; Patent No. 6251588  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; TITLE OF INVENTION: probe sequences  
; NUMBER OF SEQUENCES: 1185  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Hewlett-Packard Company M/S 20  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/021,701  
; FILING DATE: 10-FEB-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 727:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-09-021-701-727

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCTTCCTTTTC 5713  
Db 5 TTTTGCTTCCTTTTC 20

RESULT 1285  
US-08-906-156A-87  
; Sequence 87, Application US/08906156A  
; Patent No. 6287854  
; GENERAL INFORMATION:  
; APPLICANT: SPURR, NIGEL K  
; APPLICANT: GRAY, IAN C

APPLICANT: STEWART, LORNA M  
TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO CANCER  
TITLE OF INVENTION: AND TREATMENT THEREOF  
NUMBER OF SEQUENCES: 94  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIXON & VANDERHYE P.C.  
STREET: 1100 NORTH GLEBE ROAD  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA  
ZIP: 22201  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/906,156A  
FILING DATE: 05-AUG-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/042,655  
FILING DATE: 02-APR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/033,147  
FILING DATE: 13-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/005,840  
FILING DATE: 23-OCT-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/96GB/02588  
FILING DATE: 22-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SADOFF, B.J.  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 1090-14  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-816-4000  
TELEFAX: 703-816-4100  
INFORMATION FOR SEQ ID NO: 87:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "SYNTHETIC OLIGO"  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-906-156A-87

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5418 TAAAGACCAAGAGAT 5433  
Db 4 TAAAGACCAAGAGAT 19

RESULT 1286  
US-09-489-765A-25/c  
Sequence 25, Application US/09489765A  
Patent No. 6323029  
GENERAL INFORMATION:  
APPLICANT: Madeline M. Butler  
APPLICANT: Robert McKay  
APPLICANT: Brett P. Monia  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 BETA EXPRES  
FILE REFERENCE: RTS-0124  
CURRENT APPLICATION NUMBER: US/09/489,765A  
CURRENT FILING DATE: 2000-01-19

NUMBER OF SEQ ID NOS: 85  
SEQ ID NO 25  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-489-765A-25

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGATCCTGA 2554  
Db 18 GAGCTCCAGATCATGA 3

RESULT 1287  
US-09-798-096-67/c  
Sequence 67, Application US/09798096  
Patent No. 6399378  
GENERAL INFORMATION:  
APPLICANT: Donna T. Ward  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF REQL2 EXPRESSION  
FILE REFERENCE: RTS-0207  
CURRENT APPLICATION NUMBER: US/09/798,096  
CURRENT FILING DATE: 2001-03-01  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 67  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-798-096-67

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7252 GATGGGGAATGCTC 7267  
Db 18 GATGGGGAATATCTC 3

RESULT 1288  
US-09-724-426-3/c  
Sequence 3, Application US/09724426  
Patent No. 6414134  
GENERAL INFORMATION:  
APPLICANT: Reed, John  
TITLE OF INVENTION: Regulation of BCL-2 Gene Expression  
FILE REFERENCE: 10412-024  
CURRENT APPLICATION NUMBER: US/09/724,426  
CURRENT FILING DATE: 2000-11-28  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-724-426-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6880 GAGGCTGGGTGGTGC 6895  
Db 19 GAGGCTGGGTAGTGC 4

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RESULT 1289
US-09-658-679A-50
; Sequence 50, Application US/09658679A
; Patent No. 644464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-50

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3381 GCTCCTCCCCCAGCTG 3396
DB 1 GCTCCTGCCCCAGCTG 16

RESULT 1290
US-09-658-679A-51
; Sequence 51, Application US/09658679A
; Patent No. 644464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-51

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3381 GCTCCTCCCCCAGCTG 3396
DB 3 GCTCCTGCCCCAGCTG 18

RESULT 1291
US-09-640-101-76
; Sequence 76, Application US/09640101
; Patent No. 6448079
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/09/640,101
; CURRENT FILING DATE: 2000-08-15
```

```
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-640-101-76

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 443 TCCAGCATTTCAGCC 458
DB 4 TCCAGCAGTTTCAGCC 19

RESULT 1292
US-08-626-285-48/c
; Sequence 48, Application US/08626285
; Patent No. 6458530
; GENERAL INFORMATION:
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Shoemaker, Daniel D.
; APPLICANT: Davis, Ronald W.
; APPLICANT: Mittmann, Michael P.
; TITLE OF INVENTION: Methods and Compositions for Selecting
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/626,285
; FILING DATE: 04-APR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Garrett-Wackowski, Eugenia
; REGISTRATION NUMBER: 37,330
; REFERENCE/DOCKET NUMBER: 16528X-017300US
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-626-285-48

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6144 CCTGGGTTTGAGTGT 6159
DB 17 CCAGGGTTTGAGTGT 2
```

```
RESULT 1293
US-09-668-313A-118/c
; Sequence 118, Application US/09668313A
; Patent No. 6503756
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/668,313A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 118
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-118

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2779 TTGCTTGAAGGCAGA 2794
    |||||
Db 16 TTGCTTTAAGGCAGA 1

RESULT 1294
US-09-422-978-5670
; Sequence 5670, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5670
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-6051 for SEQ 1736,
US-09-422-978-5670

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4944 CCTTTACTTTTTCCT 4959
    |||||
Db 1 CCTTTACTTTTACTT 16

RESULT 1295
US-09-422-978-9656
; Sequence 9656, Application US/09422978
; Patent No. 6537751
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```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9656
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-6435 for SEQ 1791, in complement
US-09-422-978-9656

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6079 TCTTTTCTCTTTTACC 6094
    |||||
Db 2 TCTTTTCTCTTTTCC 17

RESULT 1296
US-09-973-959-2
; Sequence 2, Application US/09973959
; Patent No. 6544747
; GENERAL INFORMATION:
; APPLICANT: HAYNES, BARTON F.
; APPLICANT: SEMPOWSKI, GREGORY D.
; APPLICANT: LIAO, HUA-XIN
; TITLE OF INVENTION: ASSAY SYSTEM
; FILE REFERENCE: 1579-617
; CURRENT APPLICATION NUMBER: US/09/973,959
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 60/239,092
; PRIOR FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-973-959-2

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1687 TATGCACAGGGGCAG 1702
    |||||
Db 2 TATGCACAGGGTGCAG 17

RESULT 1297
US-09-705-267A-152/c
; Sequence 152, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
```

APPLICANT: Susan M. Freier  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION  
FILE REFERENCE: RTS-0211  
CURRENT APPLICATION NUMBER: US/09/705.267A  
CURRENT FILING DATE: 2000-11-01  
NUMBER OF SEQ ID NOS: 177  
SEQ ID NO 152  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-705-267A-152

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5407 CATTCAAGAAATAAA 5422  
|||||  
Db 20 CATTCAAGAAATCAAA 5

## RESULT 1298

US-09-198-452A-1513/c  
Sequence 1513, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:

APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 1513  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-1513

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6725 AGCTGAATACCTTCC 6740  
|||||  
Db 16 AGCTGAATACCTTCC 1

## RESULT 1299

US-09-198-452A-1915/c  
Sequence 1915, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:

APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 1915  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-1915

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 7463 TGGCTTCTATTCTAA 7478  
|||||  
Db 18 TGGCTTCTATTCTTA 3

## RESULT 1300

US-09-198-452A-3250/c  
Sequence 3250, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:

APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 3250  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-3250

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6380 CTTCCCTAAAAAGCTC 6395  
|||||  
Db 17 CCTCCCTAAAAAGCTC 2

## RESULT 1301

US-09-198-452A-3452/c  
Sequence 3452, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:

APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 3452  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-3452

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2157 CATCCAATTCTCAAG 2172  
|||||  
Db 19 CATCCAATTCTCAAG 4

## RESULT 1302

US-09-198-452A-3870/c  
Sequence 3870, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:

APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection  
FILE REFERENCE: 9710-003-999

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; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3870
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3870

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 973 GTTCGCTTCACCAAGG 988
Db 16 GTTCGCTTCATCAAGG 1

RESULT 1303
US-09-808-358-18/c
; Sequence 18, Application US/09808358
; Patent No. 6562955
; GENERAL INFORMATION:
; APPLICANT: TOSOH Corporation
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
; FILE REFERENCE: 200-2496
; CURRENT APPLICATION NUMBER: US/09/808,358
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide capable of binding specifically to tdh2 or
; OTHER INFORMATION: RNA derived therefrom
US-09-808-358-18

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6682 TTATTTTATTATAT 6697
Db 20 TCATTTTATTATAT 5

RESULT 1304
US-09-808-358-44/c
; Sequence 44, Application US/09808358
; Patent No. 6562955
; GENERAL INFORMATION:
; APPLICANT: TOSOH Corporation
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
; FILE REFERENCE: 200-2496
; CURRENT APPLICATION NUMBER: US/09/808,358
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-808-358-44

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 6682 TTATTTTATTATAT 6697
Db 20 TCATTTTATTATAT 5

RESULT 1305
US-09-679-299A-52/c
; Sequence 52, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-52

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2414 TGGACACCAACATCAC 2429
Db 20 TGGACACCAACATAAC 5

RESULT 1306
US-08-988-024C-16
; Sequence 16, Application US/08988024C
; Patent No. 6635452
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shafer, Thomas A.
; TITLE OF INVENTION: Releasable No. 6635452volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057
; CURRENT APPLICATION NUMBER: US/08/988,024C
; CURRENT FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-08-988-024C-16

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
Qy 1603 GTGCTCAAGAACTTCA 1618
Db 2 GTGCTCAAGAACTACA 17

RESULT 1307
US-08-988-024C-26
; Sequence 26, Application US/08988024C
; Patent No. 6635452
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. 6635452volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057
; CURRENT APPLICATION NUMBER: US/08/988,024C
; CURRENT FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-08-988-024C-26

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1603 GTGCTCAAGAACTTCA 1618
Db 2 GTGCTCAAGAACTACA 17

RESULT 1308
US-08-988-024C-27
; Sequence 27, Application US/08988024C
; Patent No. 6635452
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. 6635452volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057
; CURRENT APPLICATION NUMBER: US/08/988,024C
; CURRENT FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-08-988-024C-26

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1603 GTGCTCAAGAACTTCA 1618
Db 2 GTGCTCAAGAACTACA 17

RESULT 1309
US-08-457-176-11
; Sequence 11, Application US/08457176
; Patent No. 5591826
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: de la Chappelle, Albert
; TITLE OF INVENTION: Mutator Gene and Hereditary
; TITLE OF INVENTION: No. 5591826-Polyposis Colorectal Cancer
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie, and Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,176
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: US 08/160295
; FILING DATE: 02-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 01107.44900
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202.508.9100
; TELEFAX: 202.508.9299
; TELEX: 197430 BBMB UT
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-457-176-11

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5003 AAGACAGAAATGAGG 5018
Db 6 AAGACAGAAATGAGG 21
```

```
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-08-988-024C-27

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1603 GTGCTCAAGAACTTCA 1618
Db 2 GTGCTCAAGAACTACA 17

RESULT 1309
US-08-457-176-11
; Sequence 11, Application US/08457176
; Patent No. 5591826
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: de la Chappelle, Albert
; TITLE OF INVENTION: Mutator Gene and Hereditary
; TITLE OF INVENTION: No. 5591826-Polyposis Colorectal Cancer
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie, and Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,176
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: US 08/160295
; FILING DATE: 02-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 01107.44900
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202.508.9100
; TELEFAX: 202.508.9299
; TELEX: 197430 BBMB UT
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-457-176-11

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5003 AAGACAGAAATGAGG 5018
Db 6 AAGACAGAAATGAGG 21
```

```
RESULT 1310
US-08-457-175-11
; Sequence 11, Application US/08457175
; Patent No. 5693470
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: de la Chappelle, Albert
; TITLE OF INVENTION: Mutator Gene and Hereditary
; TITLE OF INVENTION: No. 5693470-Polyposis Colorectal Cancer
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Banner, Birch, McKie, and Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,175
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/160295
; FILING DATE: 02-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 01107.44900
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202.508.9100
; TELEFAX: 202.508.9299
; TELEX: 197430 BBMB UT
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-457-175-11
Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5003 AGAAGAGATGAGG 5018
Db 6 AGAAGAGATGAGG 21
|||||

RESULT 1311
US-08-336-618-27/c
; Sequence 27, Application US/08336618
; Patent No. 5763590
; GENERAL INFORMATION:
; APPLICANT: Peattie, Debra A.
; APPLICANT: Harding, Matthew W.
; APPLICANT: Livingston, David J.
; TITLE OF INVENTION: ISOLATION OF AN Mr 52,000 FK506 BINDING
; TITLE OF INVENTION: PROTEIN AND MOLECULAR CLONING OF A CORRESPONDING HUMAN
; TITLE OF INVENTION: cDNA
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Hamilton, Brook, Smith and Reynolds, P.C.
```

```
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,618
FILING DATE: 09-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/963,325
FILING DATE: 16-OCT-1992
APPLICATION NUMBER: US 07/777,752
FILING DATE: 11-OCT-1991
APPLICATION NUMBER: PCT/
FILING DATE: 09-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: VPI91-06A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-336-618-27
Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6030 TGTCCTCCTCTGGAG 6045
Db 16 TGTCCTCCTCTGGAG 1
|||||

RESULT 1312
US-08-753-147-86/c
; Sequence 86, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
```

```
;
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-753-147-86

Query Match      0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      3922 TCTGGCTTCTTTCT 3937
Db      19 TCATGGCTTCTTTCT 4

RESULT 1313
US-07-662-764D-12
; Sequence 12, Application US/07662764D
; Patent No. 5866363
; GENERAL INFORMATION:
; APPLICANT: Piecznik, George
; TITLE OF INVENTION: METHOD AND MEANS FOR SORTING AND
; TITLE OF INVENTION: IDENTIFYING BIOLOGICAL INFORMATION
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LERNER, DAVID, LITTENBERG, KRUMHOLZ &
; STREET: 600 South, Avenue West
; CITY: Westfield
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07090
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/662,764D
; FILING DATE: 28-FEB-1991
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/201,358
; FILING DATE: 26-MAY-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/770,390
; FILING DATE: 28-AUG-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Foley, Shawn P.
; REGISTRATION NUMBER: 33,071
; REFERENCE/DOCKET NUMBER: ICTECH/0002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-654-5000
; TELEFAX: 908-654-7866
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

US-07-662-764D-12
Query Match      0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1136 AGTATTTCACAGCAGAA 1151
Db      6 AGTATATCAAGCAGAA 21

RESULT 1314
US-09-121-887-6/c
; Sequence 6, Application US/09121887
; Patent No. 5998175
; GENERAL INFORMATION:
; APPLICANT: Akhavan-Tafti, Hashem
; TITLE OF INVENTION: METHODS OF SYNTHESIZING POLYNUCLEOTIDES BY LIGATION OF
; TITLE OF INVENTION: MULTIPLE OLIGOMERS
; FILE REFERENCE: LUM-4.1-53
; CURRENT APPLICATION NUMBER: US/09/121,887
; CURRENT FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: primer
; US-09-121-887-6

Query Match      0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6038 CCTTGAGCTGGTTTC 6053
Db      16 CCTTGAAGCTGGTTTC 1

RESULT 1315
US-09-241-353-6/c
; Sequence 6, Application US/09241353
; Patent No. 6001614
; GENERAL INFORMATION:
; APPLICANT: Akhavan-Tafti, Hashem
; TITLE OF INVENTION: METHODS OF SYNTHESIZING POLYNUCLEOTIDES BY LIGATION OF
; TITLE OF INVENTION: MULTIPLE OLIGOMERS
; FILE REFERENCE: LUM-4.1-53
; CURRENT APPLICATION NUMBER: US/09/241,353
; CURRENT FILING DATE: 1999-02-02
; EARLIER APPLICATION NUMBER: 09/121,887
; EARLIER FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: primer
; US-09-241-353-6

Query Match      0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6038 CCTTGAGCTGGTTTC 6053
Db      16 CCTTGAAGCTGGTTTC 1

RESULT 1316
US-09-245-984-6/c
; Sequence 6, Application US/09245984
; Patent No. 6013456
```

```

; GENERAL INFORMATION:
; APPLICANT: Akhavan-Tafti, Hashem
; TITLE OF INVENTION: METHODS OF SYNTHESIZING POLYNUCLEOTIDES BY LIGATION OF
; TITLE OF INVENTION: MULTIPLE OLIGOMERS
; FILE REFERENCE: LUM-4.1-53
; CURRENT APPLICATION NUMBER: US/09/245,984
; CURRENT FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 09/121,887
; EARLIER FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: primer
US-09-245-984-6

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6038 CCTTGAGCTGGTTTC 6053
Db      16 CCTTGAGCTGGTTTC 1

RESULT 1317
US-08-989-251-21
; Sequence 21, Application US/08989251
; Patent No. 601731
; GENERAL INFORMATION:
; APPLICANT: Tekamp-Olson, Patricia
; TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
; TITLE OF INVENTION: PROTEINS IN YEAST
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
; STREET: 3605 Glenwood Ave. Suite 310
; CITY: Raleigh
; STATE: NC
; COUNTRY: US
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/989,251
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Spuill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5784-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-08-989-251-21

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      7364 RATTATCCGACGCT 7379
Db      6 AATTATCGACGACCT 21

RESULT 1318
US-09-241-979-6/c
; Sequence 6, Application US/09241979
; Patent No. 6020138
; GENERAL INFORMATION:
; APPLICANT: Akhavan-Tafti, Hashem
; TITLE OF INVENTION: METHODS OF SYNTHESIZING POLYNUCLEOTIDES BY LIGATION OF
; TITLE OF INVENTION: MULTIPLE OLIGOMERS
; FILE REFERENCE: LUM-4.1-53
; CURRENT APPLICATION NUMBER: US/09/241,979
; CURRENT FILING DATE: 1999-02-02
; EARLIER APPLICATION NUMBER: 09/121,887
; EARLIER FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: primer
US-09-241-979-6

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6038 CCTTGAGCTGGTTTC 6053
Db      16 CCTTGAGCTGGTTTC 1

RESULT 1319
US-09-340-250-21
; Sequence 21, Application US/09340250
; Patent No. 6083723
; GENERAL INFORMATION:
; APPLICANT: Tekamp-Olson, Patricia
; TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
; TITLE OF INVENTION: PROTEINS IN YEAST
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
; STREET: 3605 Glenwood Ave. Suite 310
; CITY: Raleigh
; STATE: NC
; COUNTRY: US
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/340,250
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/989,251
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Spuill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5784-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs

```

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-09-340-250-21

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.8e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7364 AATTATCCGACGCT 7379  
Db 6 AATTATCCGACGCT 21

## RESULT 1320

US-08-974-549A-470/c  
Sequence 470, Application US/08974549A  
Patent No. 6166178

## GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin B.  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
NUMBER OF SEQUENCES: 727

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/974,549A

FILING DATE: 19-NOV-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/724,643

FILING DATE: 01-OCT-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/844,419

FILING DATE: 18-APR-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/846,017

FILING DATE: 25-APR-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/851,843

FILING DATE: 06-MAY-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/854,050

FILING DATE: 09-MAY-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/911,312

FILING DATE: 14-AUG-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/912,951

FILING DATE: 14-AUG-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/915,503

FILING DATE: 14-AUG-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/US97/17618

FILING DATE: 01-OCT-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph Ted  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-0026100S  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 470:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..21  
OTHER INFORMATION: /note= "K322 primer"  
US-08-974-549A-470

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.8e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3537 TTCGCGCGCTGGTGG 3552

Db 20 TTCGCGCGCTGGTGG 5

## RESULT 1321

US-09-045-054-13  
Sequence 13, Application US/09045054  
Patent No. 6200754

## GENERAL INFORMATION:

APPLICANT: HOUSMAN, DAVID E.  
APPLICANT: LEDLEY, FRED D.  
APPLICANT: STANTON, VINCENT P., JR.  
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING  
PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL  
CHANGES  
FILE REFERENCE: 233/055  
CURRENT APPLICATION NUMBER: US/09/045,054  
CURRENT FILING DATE: 1998-03-19  
NUMBER OF SEQ ID NOS: 44  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 13

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: DNA excision repair protein ERCC5

FEATURE:

OTHER INFORMATION: The letter "r" stands for g or a.

US-09-045-054-13

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 83.3%; Pred. No. 1.8e+03;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 5420 AAAAGCAAGATCAGC 5437

Db 3 AAAAGCAAGATCAGC 20

## RESULT 1322

US-09-528-108-21  
Sequence 21, Application US/09528108  
Patent No. 6312923

## GENERAL INFORMATION:

APPLICANT: Tekamp-Olson, Patricia  
TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS  
PROTEINS IN YEAST  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP  
STREET: 3605 Glenwood Ave. Suite 310  
CITY: Raleigh  
STATE: NC  
COUNTRY: US  
ZIP: 27622  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/528,108  
FILING DATE:  
LENGTH: 21  
TYPE: nucleic acid  
STRANDEDNESS: single  
MOLECULE TYPE: cDNA  
ORIGINAL SOURCE: Homo sapiens  
ORGANISM: Homo sapiens  
US-09-528-108-21

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.8e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 7364 AATTATCCGACGACT 7379  
Db 6 AATTATCCGACGACT 21

RESULT 1323  
US-08-649-950-77  
Sequence 77, Application US/08649950  
Patent No. 6403303  
GENERAL INFORMATION:  
APPLICANT: Shipman, Robert  
APPLICANT: Leushner, James  
APPLICANT: Dunn, James M.  
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR  
MUTATIONS IN THE BRCA1 GENE  
NUMBER OF SEQUENCES: 77  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oppedahl & Larson  
STREET: 1992 Commerce Street Suite 309  
CITY: Yorktown  
STATE: NY  
COUNTRY: US  
ZIP: 10598  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS DOS  
SOFTWARE: Word Perfect

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/649,950  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Larson, Marina T.  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN.P-028-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 77:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: no  
ANTI-SENSE: yes  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE: human  
ORGANISM: human  
FEATURE:  
OTHER INFORMATION: amplification primer for BRCA1 gene  
US-08-649-950-77

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.8e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 3131 GTAAGTCAACTCTGT 3146  
Db 2 GTAAGTCAACTCTGT 17

RESULT 1324  
US-08-912-951-237/c  
Sequence 237, Application US/08912951  
Patent No. 6475789  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND  
THERAPEUTIC METHODS  
NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/912,951  
FILING DATE: 14-AUG-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050

US-09-193-390A-12  
; FILING DATE: 09-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/851,843  
; FILING DATE: 06-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002600US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 237:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-912-951-237

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.8e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3537 TTCGCGCGCTGGTGG 3552  
Db 20 TTCGCGCGCTGGTGG 5

RESULT 1325  
US-09-659-845A-12/c  
; Sequence 12, Application US/09659845A  
; Patent No. 6492170  
; GENERAL INFORMATION:  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION  
; FILE REFERENCE: RTS-0183  
; CURRENT APPLICATION NUMBER: US/09/659,845A  
; CURRENT FILING DATE: 2001-07-23  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 12  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR Primer  
US-09-659-845A-12

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.8e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1846 GTGAGGTGAAGACG 1861  
Db 16 GTGAGGTGAAGACG 1

RESULT 1326

US-09-193-390A-12  
; Sequence 12, Application US/09193390A  
; Patent No. 6605448  
; GENERAL INFORMATION:  
; APPLICANT: Pieczenik, George  
; TITLE OF INVENTION: METHOD AND MEANS FOR SORTING AND  
; IDENTIFYING BIOLOGICAL INFORMATION  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LERNER, DAVID, LITTENBERG, KRUMHOLZ &  
; MENTLIK  
; STREET: 600 South, Avenue West  
; CITY: Westfield  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07090  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/193,390A  
; FILING DATE: 18-NOV-1998  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/662,764  
; FILING DATE: 28-feb-1991  
; APPLICATION NUMBER: US 07/201,358  
; FILING DATE: 26-MAY-1988  
; APPLICATION NUMBER: US 06/770,390  
; FILING DATE: 28-AUG-1985  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Foley, Shawn P.  
; REGISTRATION NUMBER: 33,071  
; REFERENCE/DOCKET NUMBER: ICTECH/0002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-654-5000  
; TELEFAX: 908-654-7866  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
US-09-193-390A-12

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.8e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1136 AGTATTTCAGCAGAA 1151  
Db 6 AGTATTTCAGCAGAA 21

RESULT 1327  
US-09-402-181B-470/c  
; Sequence 470, Application US/09402181B  
; Patent No. 6610839  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin B.  
; Andrews, William H.  
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
; NUMBER OF SEQUENCES: 633  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA: US/09/402,181B  
FILING DATE: 29-Sep-1997  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Aussenhus, Scott L.  
REGISTRATION NUMBER: 42,271  
REFERENCE/DOCKET NUMBER: 015389-002620US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 470:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..21  
OTHER INFORMATION: /note= "K322 primer"  
US-09-402-181B-470  
SEQUENCE DESCRIPTION: SEQ ID NO: 470:

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.8e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3537 TTCCGCGCGCTGGTGG 3552  
||||| |||||||  
Db 20 TTCCGCGCGCTGGTGG 5

RESULT 1328

US-09-721-456-470/c  
Sequence 470, Application US/09721456  
Patent No. 6617110  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.

Morin, Gregg B.  
Harley, Calvin B.  
Andrews, William H.  
TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
NUMBER OF SEQUENCES: 727  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/721,456  
FILING DATE: 22-No. 6617110-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,549A  
FILING DATE: 19-NOV-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: WO PCT/US97/17618  
FILING DATE: 01-OCT-1997  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph Ted  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002610US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 470:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..21  
OTHER INFORMATION: /note= "K322 primer"  
US-09-721-456-470  
SEQUENCE DESCRIPTION: SEQ ID NO: 470:

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.8e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3537 TTCCGCGCGCTGGTGG 3552  
||||| |||||||  
Db 20 TTCCGCGCGCTGGTGG 5



RESULT 1329  
US-09-526-193A-188  
; Sequence 188, Application US/09526193A  
; Patent No. 6617122  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; APPLICANT: Pimstone, Simon N.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING  
; TITLE OF INVENTION: CHOLESTEROL LEVELS  
; FILE REFERENCE: 50110/002005  
; CURRENT APPLICATION NUMBER: US/09/526,193A  
; CURRENT FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 188  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-526-193A-188

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.8e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2204 TCTACCGAGATGGGT 2219  
Db 6 TCTACCGAGATGGAT 21

RESULT 1330  
US-08-611-155B-1/c  
; Sequence 1, Application US/08611155B  
; Patent No. 5780231  
; GENERAL INFORMATION:  
; APPLICANT: Sydney Brenner  
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.  
; STREET: 3832 Bay Center Place  
; CITY: Hayward  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94545  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 3.1  
; SOFTWARE: Microsoft Word, vers. 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/611,155B  
; FILING DATE: 05-MAR-96  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/560,313  
; FILING DATE: 17-NOV-95  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Stephen C. Macevicz  
; REGISTRATION NUMBER: 30,285  
; REFERENCE/DOCKET NUMBER: srplus  
; TELEPHONE: (510) 670-9365  
; TELEFAX: (510) 670-9302

; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-611-155B-1

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 2e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCTCTTCTCTTC 5719  
Db 17 CTTCTCTTCTCTTC 2

RESULT 1331  
US-08-611-155B-2/c  
; Sequence 2, Application US/08611155B  
; Patent No. 5780231  
; GENERAL INFORMATION:  
; APPLICANT: Sydney Brenner  
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.  
; STREET: 3832 Bay Center Place  
; CITY: Hayward  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94545  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 3.1  
; SOFTWARE: Microsoft Word, vers. 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/611,155B  
; FILING DATE: 05-MAR-96  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/560,313  
; FILING DATE: 17-NOV-95  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Stephen C. Macevicz  
; REGISTRATION NUMBER: 30,285  
; REFERENCE/DOCKET NUMBER: srplus  
; TELEPHONE: (510) 670-9365  
; TELEFAX: (510) 670-9302

; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-611-155B-2

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 2e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCTCTTCTCTTC 5719  
Db 16 CTTCTCTTCTCTTC 1

RESULT 1332  
US-08-611-155B-6/c  
; Sequence 6, Application US/08611155B  
; Patent No. 5780231  
; GENERAL INFORMATION:

```
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word, vers. 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/611,155B
; FILING DATE: 05-MAR-96
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/560,313
; FILING DATE: 17-NOV-95
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: srplus
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-611-155B-6

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCCCTTTTCCTTC 5719
Db 18 CTTCCCTTCCTTC 3

RESULT 1333
US-08-231-894A-3/c
; Sequence 3, Application US/08231894A
; Patent No. 5851990
; GENERAL INFORMATION:
; APPLICANT: FUJISHIMA, AKIRA
; APPLICANT: FUKUDA, TSUNEHICO
; TITLE OF INVENTION: BFGF MUTEIN AND ITS PRODUCTION
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS
; ADDRESS: & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: US
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/231,894A
; FILING DATE: 22-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

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; APPLICATION NUMBER: US 07/873907
; FILING DATE: 24-APR-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 097655-1991
; FILING DATE: 26-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 066381-1992
; FILING DATE: 24-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 41769-FWC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Synthetic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-231-894A-3

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 481 CCTGTGTATGATGAA 496
Db 16 CCTGTGTATGAGGAA 1

RESULT 1334
US-08-916-120A-1/c
; Sequence 1, Application US/08916120A
; Patent No. 5962228
; GENERAL INFORMATION:
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Microsoft Word, vers. 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,120A
; FILING DATE: 22-AUG-97
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/611,155
; FILING DATE: 05-MAR-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 811-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 nucleotides
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-916-120A-1

Query Match      0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCTTTTCTCTTC 5719
    ||||| |||||
DB 17 CTTCTTTTCTCTTC 2

RESULT 1336
US-08-916-120A-2/c
; Sequence 2, Application US/08916120A
; Patent No. 5962228
; GENERAL INFORMATION:
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Microsoft Word, vers. 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,120A
; FILING DATE: 22-AUG-97
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/611,155
; FILING DATE: 05-MAR-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 811-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9302
; TELEFAX: (510) 670-9365
; INFORMATION FOR SEQ ID NO: 2:
; LENGTH: 22 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-916-120A-2

Query Match      0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCTTTTCTCTTC 5719
    ||||| |||||
DB 16 CTTCTTTTCTCTTC 1

RESULT 1336
US-08-916-120A-6/c
; Sequence 6, Application US/08916120A
; Patent No. 5962228
; GENERAL INFORMATION:
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers
; NUMBER OF SEQUENCES: 19
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Microsoft Word, vers. 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,120A
; FILING DATE: 22-AUG-97
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/611,155
; FILING DATE: 05-MAR-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 811-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 6:
; LENGTH: 22 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-916-120A-6

Query Match      0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCTTTTCTCTTC 5719
    ||||| |||||
DB 18 CTTCTTTTCTCTTC 3

RESULT 1337
US-08-545-196B-36
; Sequence 36, Application US/08545196B
; Patent No. 6080577
; GENERAL INFORMATION:
; APPLICANT: MELKI, JUDITH
; APPLICANT: MUNNICH, ARNOLD
; TITLE OF INVENTION: SURVIVAL MOTOR NEURON (SMN) GENE: A GENE
; TITLE OF INVENTION: FOR SPINAL MUSCULAR ATROPHY
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH, LLP
; STREET: PO BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,196B
; FILING DATE: 19-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: FARACI, C. J.
; REGISTRATION NUMBER: 32,350
; REFERENCE/DOCKET NUMBER: 2121-110P
```

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: NO  
US-08-545-196B-36

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 2e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3987 CTTATACAAAACCT 4002  
|||||  
Db 5 CTTATACAAAACCT 20

RESULT 1338  
US-08-943-731-557/c  
Sequence 557, Application US/08943731  
Patent No. 6265157  
GENERAL INFORMATION:  
APPLICANT: PROCKOP, DARWIN J.  
APPLICANT: SPOTILA, LORETTA D.  
APPLICANT: DELTAS, CONSTANTINOS D.  
APPLICANT: SEREDA, LARISA  
APPLICANT: LARSON, ANDREA W.  
APPLICANT: PACK, MICHAEL  
APPLICANT: COLIGE, ALAIN  
APPLICANT: EARLY, JAMES  
APPLICANT: KORKKO, JARMO  
APPLICANT: ALA-KOKKO, LEENA, et al.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING  
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES  
NUMBER OF SEQUENCES: 666  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.  
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND  
STREET: FLR.  
CITY: PHILADELPHIA  
STATE: PA  
COUNTRY: USA  
ZIP: 19103-7086  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/943,731  
FILING DATE: 03-OCT-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/212,322  
FILING DATE: 14-MAR-1994  
APPLICATION NUMBER: US 07/803,628  
FILING DATE: 03-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: DOYLE LEARY Ph.D., KATHRYN  
REGISTRATION NUMBER: 36,317  
REFERENCE/DOCKET NUMBER: 9598-27  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-965-1284  
TELEFAX: 215-567-2991  
TELEX: 831-494  
INFORMATION FOR SEQ ID NO: 557:  
SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-943-731-557

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 2e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4958 CTGCTGGCTACAGCAT 4973  
|||||  
Db 20 CTGCTGGCTACAGCAT 5

RESULT 1339  
US-09-564-805-198/c  
Sequence 198, Application US/09564805  
Patent No. 6333403  
GENERAL INFORMATION:  
APPLICANT: Tavtigian, Sean V.  
APPLICANT: Teng, David H.F.  
APPLICANT: Simard, Jacques  
APPLICANT: Rommens, Johanna M.  
APPLICANT: Myriad Genetics, Inc.  
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility  
TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes  
FILE REFERENCE: 2318-258  
CURRENT APPLICATION NUMBER: US/09/564,805  
CURRENT FILING DATE: 2000-05-05  
PRIOR APPLICATION NUMBER: US 60/107,468  
PRIOR FILING DATE: 1998-11-06  
PRIOR APPLICATION NUMBER: 09/434,382  
PRIOR FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 240  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 198  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-564-805-198

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 83.3%; Pred. No. 2e+03;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5641 TGGGGGACCCCGCCTC 5658  
|||||  
Db 18 TGTGGGASCCCAAGCCTC 1

RESULT 1340  
US-09-684-855-5/c  
Sequence 5, Application US/09684855  
Patent No. 6599735  
GENERAL INFORMATION:  
APPLICANT: F. Hoffmann-La Roche AG  
TITLE OF INVENTION: CONTINUOUS FERMENTATION PROCESS  
FILE REFERENCE: C38435/111692  
CURRENT APPLICATION NUMBER: US/09/684,855  
CURRENT FILING DATE: 2000-10-06  
PRIOR APPLICATION NUMBER: EP 00121663.9  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: EP 99120289.6  
PRIOR FILING DATE: 1999-10-11  
NUMBER OF SEQ ID NOS: 169  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 5  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE: